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MONTANA AGRICULTURAL STATISTICS

VOLUME XVIII

COUNTY STATISTICS 1978 and 1979



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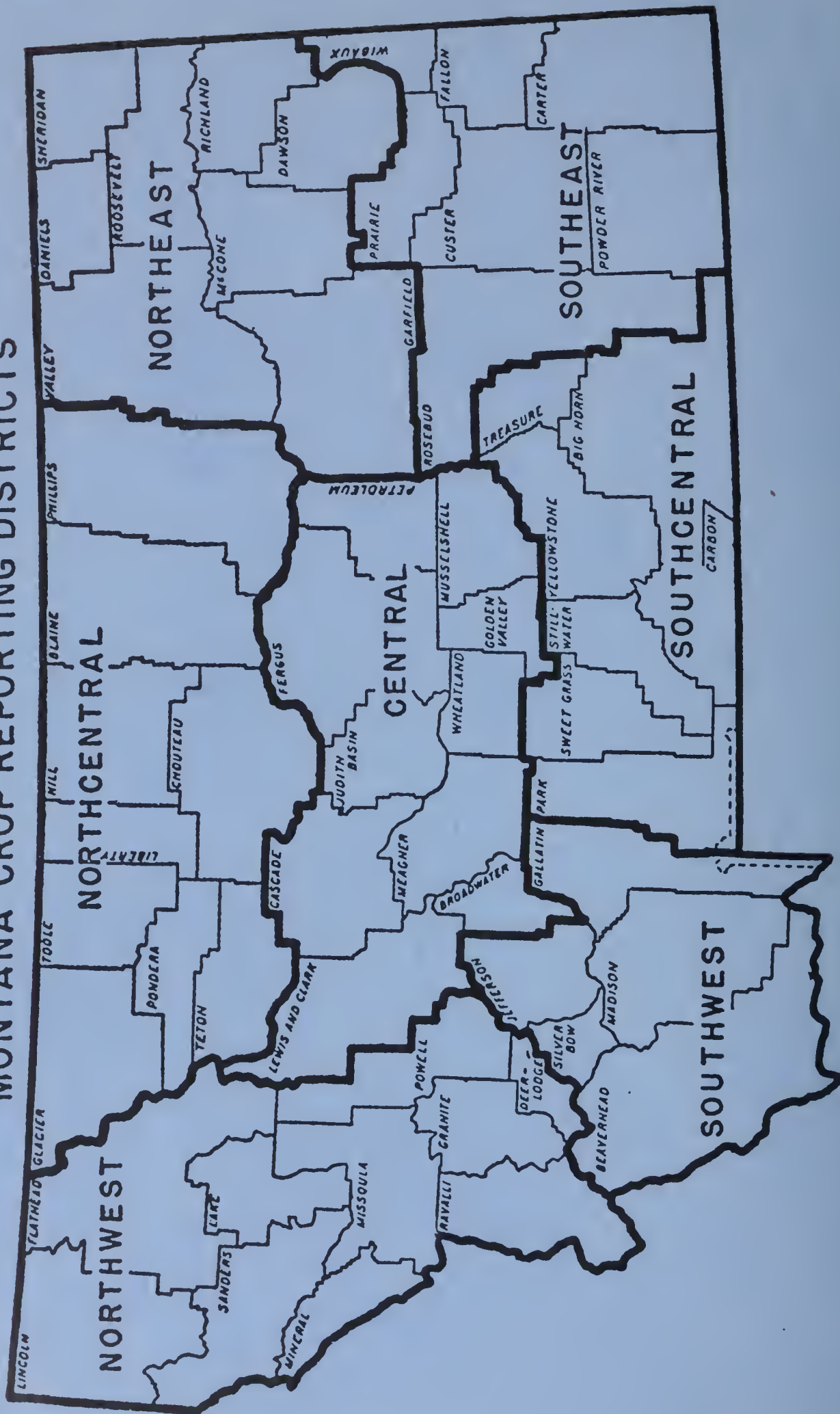
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Reporting Service

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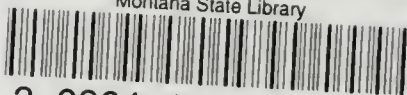
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GOVERNOR

September 2, 1980

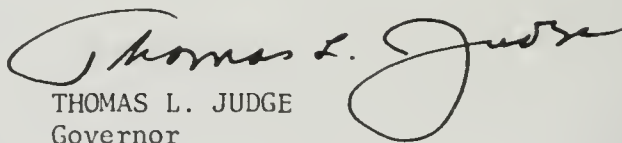
To The People of The State of Montana:

Montana Agricultural Statistics is the most comprehensive collection of agricultural data in Montana. It identifies the scope of agriculture, which is the leading industry in the state.

The facts contained in Volume XVIII will assist all who need information for research, planning, and decision-making.

I commend the cooperative effort of the Montana Department of Agriculture and the Crop and Livestock Reporting Service in compiling this statistical handbook.

Sincerely,

A handwritten signature in dark ink, appearing to read "Thomas L. Judge".

THOMAS L. JUDGE
Governor



THOMAS L. JUDGE
GOVERNOR

STATE OF MONTANA DEPARTMENT OF AGRICULTURE

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W. GORDON MCOMBER
DIRECTOR



MESSAGE FROM THE DIRECTOR

Today's world is placing increased pressures on American agriculture. We must feed not only ourselves but a large portion of the world's population as well.

Farmers are charged to complete this task with less farm labor and land, less projected income, more expense in fixed costs and more pressure from the general public regarding farm practices.

This is a time when maximum production must be achieved while maintaining solvency for the farmer. To help accomplish this, a sound record of historical performance must be maintained for review and for developing future plans.

Montana Agricultural Statistics, Volume XVIII, is such a record. Accurate statistical data is made available to the reader. I am pleased to present this important and useful document.

Sincerely,

W. Gordon McOmber, Director
Montana Department of Agriculture

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FOREWORD

Agriculture is the largest economic force in Montana and the statistics in this bulletin provide a measure of its size and health—both at the State level and by counties. In 1979, the State's farms and ranches contributed 1.4 billion dollars to the economy—more than double the next largest industry.

The Economics, Statistics, & Cooperatives Services, USDA, and the Montana Department of Agriculture, cooperating as the "Montana Crop and Livestock Reporting Service" collect and publish a comprehensive array of agricultural statistics. These are published currently throughout the year; and are combined with special county data for this biennial bulletin.

Most of the basic information is obtained by sample surveys of farmers and ranchers. Supplemental information is also acquired from agri-business firms. Several State, Federal and local governmental agencies also contribute toward the development of these statistics. OUR SINCERE APPRECIATION TO ALL OF THE PUBLIC-SPIRITED PERSONS AND FIRMS WHO HAVE HELPED.

Special statistics on wheat—varieties, stocks by class, movement, utilization; and barley for malt, were funded by the Montana Wheat Research and Marketing Committee. Data on barley varieties were funded by the National Malting Barley Improvement Association.

Earlier issues of biennial bulletins are available on a limited basis for historical county statistics.

In mid-1978 a special historical bulletin was published and is available, showing State-level statistics back to 1867.

Daniel L. Herbert,
State Statistician

COPIES OF THE CURRENT PUBLICATION, EARLIER ISSUES, AND THE HISTORICAL BULLETIN ARE AVAILABLE FROM:

Montana Crop & Livestock Reporting Service
P.O. Box 4369 — Helena, Montana 59601

or

Montana Department of Agriculture
Agriculture/Livestock Bldg—6th & Roberts
Helena, Montana 59601

MONTANA CROPS AND LIVESTOCK — 1978

JANUARY: Temperatures averaged below normal. Heavy snowcover in all major winter wheat growing areas. Heavy snows required extensive use of hay supplies to maintain livestock. **FEBRUARY:** Great fluctuations in temperature and snowfall. A blizzard raged in the eastern third of the State most of the second week. Considerable stress placed on livestock—death losses slightly above normal. Hay supplies short in the eastern part of the State. **MARCH:** The month began cold and damp, with near or record breaking warm temperatures at the end of the month. The long winter and snow contributed to a higher-than-normal death loss among calves. **APRIL:** Precipitation generally light and spotty but heavy the last week of the month. Winter wheat broke out of dormancy in good condition. Seeding of major spring crops ran behind average. Significant number of livestock were still on supplemental feed as range growth was slow. **MAY:** Precipitation fell as rain or snow each week of the month, with temperatures averaging near normal. Planting progress was slow due to the wet weather. Range growth slow. **JUNE:** A wide range of weather during the month characterized by frequent heavy showers and thunderstorms. Temperatures generally averaged near to above normal. Winter wheat and spring crops were in good condition. Haying was active in all areas with progress ahead of normal. Range feed supplies and stockwater were better than average. **JULY:** The month was characterized by frequent thundershowers and near-normal temperatures. Crops were in good condition, with haying delayed by frequent showers. Winter wheat harvest started the last of the month. **AUGUST:** The weather was variable—hot and dry during the middle of the month, but cooler weather and some precipitation during the last week. Winter wheat harvest was in full swing, with most of it completed by the end of the month—slightly ahead of normal. In contrast, spring grain development and harvest continued to lag behind normal. Winter wheat seeding started in some areas. **SEPTEMBER:** Precipitation was generally light and scattered. Small grain harvest made good progress during the month. Livestock movement to winter ranges was slow due to good conditions of summer ranges. **OCTOBER:** The month was mild with sunny days and cool nights. Harvest of sugarbeets and potatoes was nearing completion. Winter wheat germination was good. Livestock were in good condition and started receiving supplemental feed toward the end of the month. **NOVEMBER:** A general snowstorm swept over the State on the 8th and 9th. Temperatures averaged below normal. Adequate fall grazing had put livestock in good condition and the majority were on supplemental feed by the end of the month. **DECEMBER:** A cold month as temperatures averaged below normal. An inch or more of snow covered the ground the entire month over all the State. Considerable stress was placed on livestock due to cold weather. Heavy snow and frequent winds made it difficult to get feed to livestock.

MONTANA CROPS AND LIVESTOCK — 1979

JANUARY: Temperatures averaged much below normal. Combined with November and December, this was the coldest three-month period on record for much of the State. Precipitation was generally light. Livestock feeding heavy, but difficult due to drifting snow. **FEBRUARY:** Great temperature fluctuations and periods of heavy precipitation. Snowcover reached a record number of days in most areas of the State. Continued heavy feeding necessary for livestock. **MARCH:** Winter released its grip and provided fairly good conditions for spring calving and lambing. Death losses varied. Some greening of winter wheat began. **APRIL:** Precipitation was generally light to moderate with below-normal temperatures. Winterkill of winter wheat generally greater than normal. Spring planting started but frequent snow and rain showers prevented extensive fieldwork. **MAY:** Moderate amounts of precipitation first of the month with variable temperatures. Warm, dry weather permitted significant planting progress. Range growth slow, but normal movement of livestock to summer ranges. **JUNE:** Temperatures generally above normal, but precipitation below normal. Dry conditions retarded crop growth and range development. Many winter wheat fields patchy, with irregular development. **JULY:** Most of the month was hot and dry with grains, hay and ranges showing stress because of the warm temperatures and below-normal precipitation. Winter wheat harvest began the latter part of the month. **AUGUST:** Near-normal to above-normal temperatures with scattered light precipitation, changing to general over the State by month's end. Harvesting hampered by the widespread rainfall and progress was running behind normal. Shortage of soil moisture limited planting of winter wheat. **SEPTEMBER:** Generally a very warm, dry month. Seeding of winter wheat was running behind the normal pace due to continued dry conditions. **OCTOBER:** Above-normal temperatures most of the month, with the first overall freeze of the season occurring the first week of the month. Precipitation generally light. The sugarbeet and potato harvest was essentially completed by the end of the month. Livestock movement from summer ranges slightly ahead of the normal pace. **NOVEMBER:** Continued very dry during the month with temperatures generally below normal. Snowcover remained light and grazing remained open in most areas. Cattle and sheep were both in good condition going into the winter. **DECEMBER:** Temperatures averaged well above normal. Precipitation in the northeast and southeast much below normal. Fields were bare most of the month and grazing remained open in most areas, although it was only rated fair.

THE MONTANA DEPARTMENT OF AGRICULTURE

Historically, the Department basically has been a regulatory agency. It should be more than that. The State's constitution and statutes provide authority for it to be more than regulatory.

To follow through with this change in scope, the Department was completely reorganized in November of 1977. Ten divisions were reduced to three with a view of providing new services to the people of Montana as well as strengthening the administrative procedure in the Department.

The Department controls the sale and use of chemicals. This is for the protection of the public and the environment while providing for their use by agriculture. An accelerated program has been conducted to qualify commercial and private applicators for use of restricted chemicals. Currently over 10,000 applicators are licensed.

Another program controls the quality of fruits, vegetables and nursery stock as well as the agricultural seed business. The Department registers feeds and fertilizers to guarantee product quality. Grain warehousemen and grain handlers are licensed to ensure they are properly bonded and insured for the protection of Montana's farmers and ranchers. Also, the Department has a grain testing laboratory that provides official grades and protein tests on grains.

Attached to the Department for administrative purposes are two important service programs. First, the Wheat Research and Marketing Committee, financed by a self-imposed tax on wheat and barley, which has been successful in exporting millions of dollars worth of Montana grain. It has also put large amounts of money into Montana State University of the development of improved strains of grain and new agricultural practices.

Second, the Crop Hail Insurance Program; another self-financed program that has returned millions of dollars of hail insurance to Montana farmers.

Another relatively new program is the Marketing and Transportation Unit. This Unit has saved Montana citizens some nine million dollars over the last five years. It has also assisted in establishing markets for food processed in Montana, and has enhanced export markets for grain, fruits and honey.

Basic to these many operations are the statistics provided by the Crop and Livestock Reporting Unit. This Unit is the result of a cooperative effort between this Department and the U.S.D.A.

The Department of Agriculture, representing Montana's largest industry which contributes nearly as much income to the state as the next three industries combined, is now **more** than a regulatory agency.

The Department has moved into the service area. Its fundamental goal is to better serve Montana agriculture in the eighties.

MONTANA'S RANK IN THE NATION'S AGRICULTURE

Item	Unit (000)	Period or Date	Rank
Acres in strip cropping	4,489 acres	1969 Census	1
Land in farms and ranches	62,000 acres	1979	2
Income from cash receipts, excluding Gov't payments			
Total	\$1,231,650	1978	32
Crops	\$ 548,876	1978	33
Livestock	\$ 682,774	1978	29

LIVESTOCK AND LIVESTOCK PRODUCTS

All cattle and calves	2,645 head	Jan. 1, 1980	14
All cows	1,455 head	Jan. 1, 1980	10
Milk cows	28 head	Jan. 1, 1980	44
Beef cows	1,427 head	Jan. 1, 1980	8
Cattle on feed	63 head	Jan. 1, 1980	22
Hogs and pigs	209 head	Dec. 1, 1979	28
Sheep and lambs	494 head	Jan. 1, 1980	8
Wool production (July prel.)	4,017 pounds	July 1, 1979	9
All chickens	890 birds	Dec. 1, 1979	42
Honey production	13,184 pounds	Dec. 1, 1979	6

CROPS (PRODUCTION)

All wheat	116,475 bushels	1979	6
Winter wheat	57,375 bushels	1979	9
Durum wheat	6,825 bushels	1979	2
Spring wheat other than durum	52,275 bushels	1979	3
All hay	4,291 tons	1979	13
Alfalfa hay	2,835 tons	1979	13
Dry beans	175 cwt.	1979	10
Barley	40,560 bushels	1979	5
Oats	5,460 bushels	1979	14
Potatoes—fall	1,800 cwt.	1979	20
Sugarbeets	829 tons	1979	9

RECORD HIGHS

Livestock	Size & Unit (000)	Date
Cattle & calves	3,380 head	Jan. 1, 1974
Sheep & lambs	5,736 head	Jan. 1, 1903
Hogs & pigs	445 head	Jan. 1, 1944
Chickens	2,738 birds	Jan. 1, 1944
Honey prod.	13,184 Lbs.	1979
Crops		
All wheat	167,295 Bu.	1976
Winter wheat	105,000 Bu.	1975
All spring wheat (incl. durum)	68,735 Bu.	1976
Durum wheat	18,093 Bu.	1956
Barley	67,914 Bu.	1969
Oats	25,650 Bu.	1915
All hay	4,576 Tons	1978
Sugarbeets	1,206 Tons	1969
Potatoes	2,871 Cwt.	1918

NUMBER OF FARMS 1910-1980
ALL LAND IN FARMS — AND AVERAGE SIZE OF FARMS
1950-1980

Number of Farms — 1910-1949

Year	Number of Farms Thous.	Year	Number of Farms Thous.	Year	Number of Farms Thous.	Year	Number of Farms Thous.
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

Number of farms, all land in farms
and average size of farm, 1950-1980

Year	Number of Farms Thous.	All Land in Farms Thous. Acres	Average Size of Farms Acres
1950	37.2	65,000	1,747
1951	36.8	65,200	1,772
1952	36.4	65,500	1,799
1953	35.9	65,800	1,833
1954	35.4	66,100	1,867
1955	34.8	66,100	1,899
1956	34.2	66,200	1,936
1957	33.6	66,300	1,973
1958	33.0	66,500	2,015
1959	32.4	66,600	2,056
1960	31.7	66,700	2,104
1961	30.8	66,800	2,169
1962	30.1	66,800	2,219
1963	29.5	66,800	2,264
1964	28.9	67,200	2,325
1965	28.4	66,700	2,349
1966	28.0	66,200	2,364
1967	27.6	65,700	2,380
1968	27.1	65,200	2,406
1969	26.7	64,700	2,423
1970	26.4	64,200	2,432
1971	26.0	63,700	2,450
1972	25.5	63,200	2,478
1973	25.1	63,000	2,510
1974	24.6	62,800	2,553
1975	23.1 ¹	62,400	2,701
1976	22.7	62,200	2,740
1977	22.3	62,100	2,785
1978	22.0	62,100	2,823
1979	21.7	62,000	2,857
1980	21.5	62,000	2,884

¹Places which had annual sale of agricultural products of \$1000 or more. Series initiated with 1975.

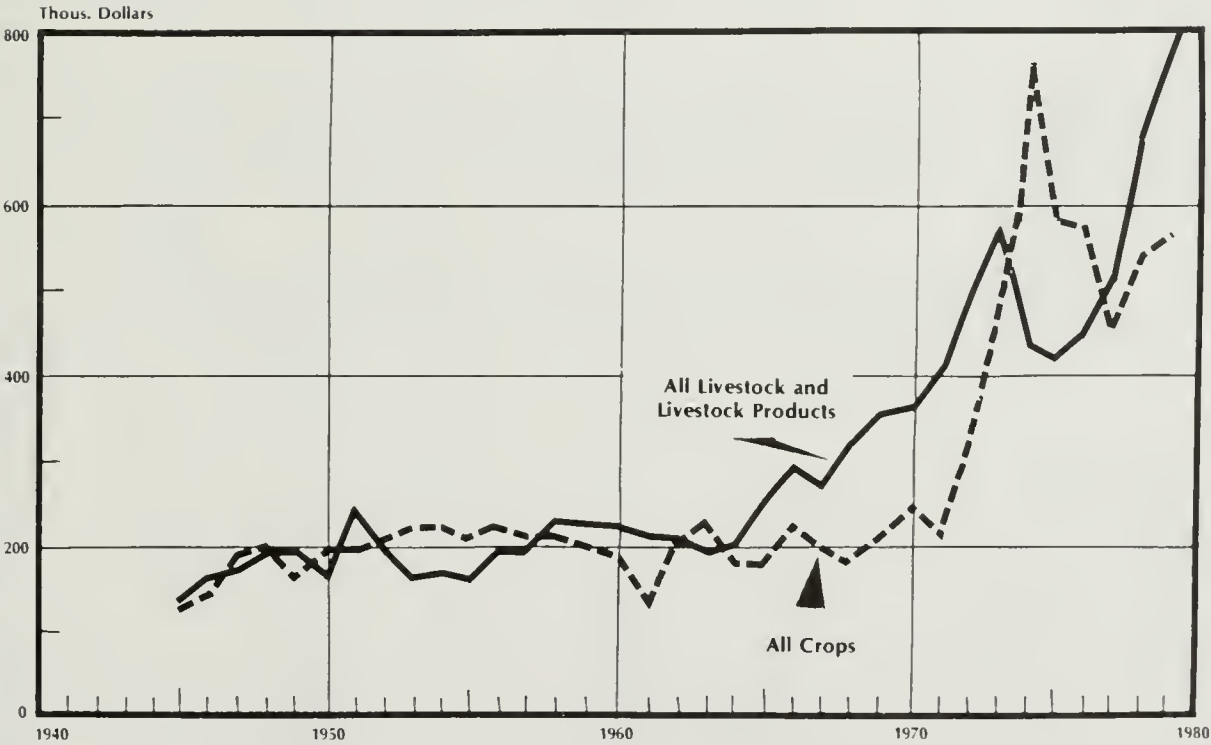
CASH RECEIPTS — 1970-1979

Cash Receipts from the Sale of Principal Farm Products and Government Payments

	Livestock and Livestock Products	Crops	Total Receipts from Marketings Thousand Dollars	Government Payments	Total All Cash Receipts
1970	357,058	246,096	603,154	85,361	688,515
1971	407,393	209,940	617,333	77,789	695,122
1972	495,281	328,465	823,746	103,169	926,915
1973	572,107	554,964	1,127,071	64,990	1,192,061
1974	433,124	720,745	1,153,869	14,998	1,168,867
1975	420,949	587,992	1,008,941	9,350	1,018,291
1976	456,119	582,365	1,038,484	10,497	1,048,981
1977	494,453	470,666	965,119	61,443	1,026,562
1978	683,234	545,060	1,228,294	137,237	1,365,531
1979	800,312	571,071	1,371,383	33,997	1,405,380

CASH RECEIPTS

All Crops, Livestock and Livestock Products 1945-1979



CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES
1974-1979¹

	1974	1975	1976	1977	1978	1979
	Thousand Dollars					
Livestock and Products						
Cattle and calves	348,072	339,916	373,307	412,820	582,260	700,096
Dairy products	22,552	22,245	23,653	27,092	30,175	31,611
Sheep and lambs	12,013	10,695	10,381	10,749	15,340	10,752
Wool	4,857	2,693	3,467	3,332	3,547	4,049
Hogs	29,312	28,984	27,575	23,399	34,348	27,973
Eggs	9,157	8,879	8,630	8,076	8,372	8,906
Chickens	274	186	288	174	154	85
Honey and beeswax	3,680	3,709	4,539	3,293	4,825	7,576
Other ²	3,221	3,642	4,552	5,518	4,213	9,264
TOTAL	433,138	420,949	456,392	494,453	683,234	800,312
Crops						
Field crops						
Wheat	552,220	446,722	429,583	328,917	382,302	400,299
Barley	89,710	66,771	85,487	70,181	75,012	72,997
Sugarbeets	43,050	25,036	21,683	21,504	25,753	26,528
Hay	34,872	28,017	20,186	25,740	25,947	30,211
Potatoes	14,745	5,856	9,667	6,422	7,962	7,225
Oats	4,558	2,580	3,551	2,410	2,920	3,620
Dry edible beans	2,336	3,425	2,812	1,840	1,989	2,978
Alfalfa seed	1,926	595	1,229	2,705	2,854	3,175
Other ³	7,185	3,627	3,360	4,863	13,005	15,092
Fruits and berries						
Cherries	859	1,416	1,081	1,300	1,276	2,005
Other ⁴	28	28	33	34	40	41
Other products						
Forest	2,000	2,300	2,000	3,200	4,200	4,700
Greenhouse and nursery	1,417	1,619	1,820	1,550	1,800	2,200
TOTAL	754,906	587,992	582,492	470,666	545,060	571,071
All commodities	1,188,044	1,008,941	1,038,884	965,119	1,228,294	1,371,383

¹Revised.
²Turkeys, turkey eggs, ducks, geese, other fowl, game birds, rabbits, mink, bees, horses, and mules.
³Dry field peas, cabbage, sweet corn, lettuce, onions, green peas, tomatoes, miscellaneous vegetables, rye, corn sorghum grain, soybeans, alsike clover seed, red clover seed, mustard seed, timothy seed, Kentucky bluegrass seed, bromegrass seed, fescue seed, rapeseed, wheatgrass seed, white clover seed, flaxseed, and other seeds.
⁴Apples, plums, prunes, strawberries, raspberries, other berries.

CASH RECEIPTS FROM MARKETINGS BY COMMODITIES AS A
PERCENTAGE OF TOTAL RECEIPTS FOR ALL COMMODITIES — 1974-1979¹

	1974	1975	1976	1977	1978	1979
	Percent of Total					
Livestock and Products						
Cattle and calves	29.3	33.7	35.9	42.8	47.4	51.1
Dairy products	1.9	2.2	2.3	2.8	2.5	2.3
Sheep and lambs	1.0	1.1	1.0	1.1	1.2	.8
Wool	.4	.3	.3	.4	.3	.3
Hogs	2.5	2.9	2.7	2.4	2.8	2.0
Chickens and eggs	.8	.9	.9	.8	.7	.6
Honey and beeswax	.3	.4	.4	.3	.4	.6
Other	.3	.3	.4	.6	.3	.7
TOTAL	36.5	41.8	43.9	51.2	55.6	58.4
Crops						
Wheat	46.5	44.3	41.4	34.1	31.1	29.2
Barley	7.6	6.6	8.2	7.3	6.1	5.3
Sugarbeets	3.6	2.5	2.1	2.2	2.1	1.9
Hay	2.9	2.8	1.9	2.7	2.1	2.2
Potatoes	1.2	.6	.9	.7	.7	.5
Other	1.7	1.4	1.6	1.8	2.3	2.5
TOTAL	63.5	58.2	56.1	48.8	44.4	41.6
All commodities	100.0	100.0	100.0	100.0	100.0	100.0

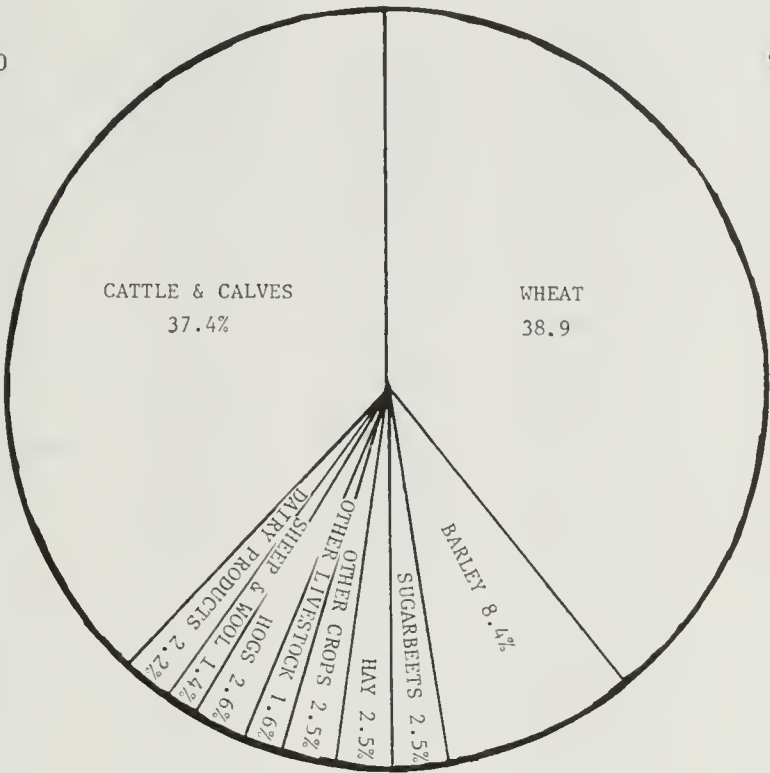
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CASH RECEIPTS
FROM FARM MARKETINGS OF COMMODITIES

1974-1978 AVERAGE

Livestock
\$496,633,000
45.2%

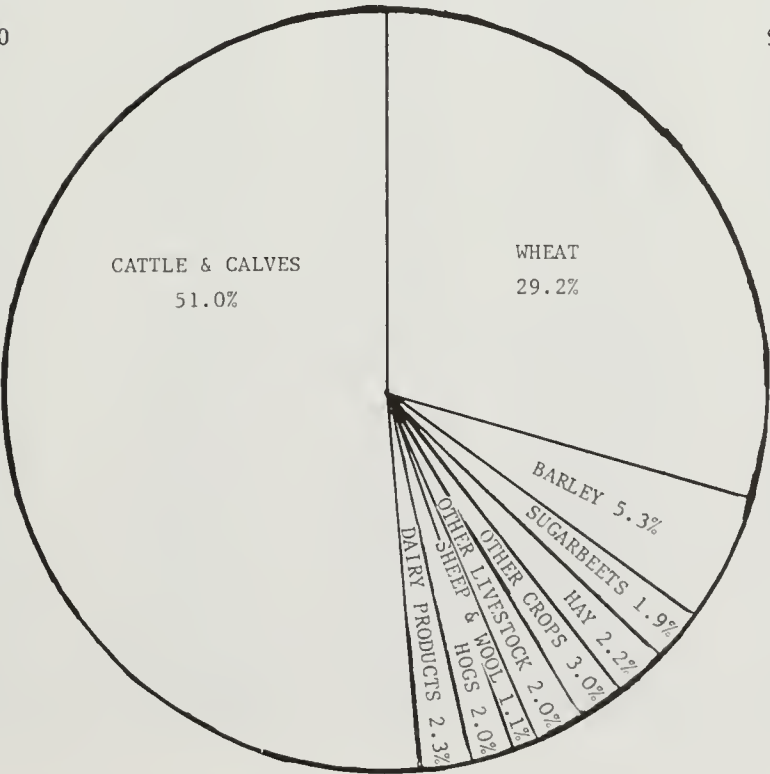
Crops
\$602,626,000
54.8%



1979

Livestock
\$800,312,000
58.4%

Crops
\$571,071,000
41.6%



CASH RECEIPTS BY COUNTIES—1978

From Sale of Principal Products and Government Payments

COUNTY & DISTRICT	Livestock and Livestock Products	Crops	Total Receipts from Marketings Dollars	Government Payments	All Cash Receipts
Deer Lodge	2,845,700	667,000	3,512,700	144,600	3,657,300
Flathead	8,761,200	6,309,000	15,070,200	1,499,100	16,569,300
Granite	6,485,300	1,038,000	7,523,300	153,000	7,676,300
Lake	16,464,200	7,983,000	24,447,200	703,100	25,150,300
Lincoln	1,703,100	483,000	2,186,100	142,700	2,328,800
Mineral	618,200	199,000	817,200	29,800	847,000
Missoula	3,598,200	1,257,000	4,855,200	398,600	5,253,800
Powell	9,440,400	1,730,000	11,170,400	382,700	11,553,100
Ravalli	14,747,500	2,713,000	17,460,500	437,200	17,897,700
Sanders	5,125,600	766,000	5,891,600	501,700	6,393,300
N. WEST	69,789,400	23,145,000	92,934,400	4,392,500	97,326,900
Blaine	18,647,100	15,830,000	34,477,100	3,433,600	37,910,700
Chouteau	14,079,500	48,926,000	63,005,500	10,694,700	73,700,200
Glacier	8,546,600	12,551,000	21,097,600	6,798,500	27,896,100
Hill	6,562,400	41,466,000	48,028,400	6,688,600	54,717,000
Liberty	3,663,100	19,029,000	22,692,100	2,796,100	25,488,200
Phillips	18,493,200	12,926,000	31,419,200	3,408,500	34,827,700
Pondera	7,823,800	19,965,000	27,788,800	5,651,400	33,440,200
Teton	15,605,900	19,315,000	34,920,900	5,161,000	40,081,900
Toole	5,332,500	20,566,000	25,898,500	4,286,800	30,185,300
N. CENTRAL	98,754,100	210,574,000	309,328,100	48,919,200	358,247,300
Daniels	5,440,200	17,080,000	22,520,200	3,914,400	26,434,600
Dawson	9,929,600	13,500,000	23,429,600	3,617,600	27,047,200
Garfield	15,920,400	5,489,000	21,409,400	3,410,400	24,819,800
McCone	9,685,500	13,974,000	23,659,500	4,316,500	27,976,000
Richland	16,414,500	23,020,000	39,434,500	3,790,500	43,225,000
Roosevelt	8,105,700	21,722,000	29,827,700	5,173,200	35,000,900
Sheridan	5,335,400	23,890,000	29,225,400	5,553,900	34,779,300
Valley	16,588,700	23,517,000	40,105,700	7,459,500	47,565,200
N. EAST	87,420,000	142,192,000	229,612,000	37,236,000	266,848,000
Broadwater	6,787,500	7,176,000	13,963,500	1,394,400	15,357,900
Cascade	23,264,300	15,628,000	38,892,300	4,623,900	43,516,200
Fergus	27,307,000	18,216,000	45,523,000	6,076,200	51,599,200
Golden Valley	6,170,400	1,657,000	7,827,400	827,000	8,654,400
Judith Basin	13,874,300	8,946,000	22,820,300	3,190,200	26,010,500
Lewis & Clark	11,173,300	2,504,000	13,677,300	1,043,000	14,720,300
Meagher	12,892,300	1,803,000	14,695,300	374,400	15,069,700
Musselshell	8,351,800	2,326,000	10,677,800	1,229,000	11,906,800
Petroleum	6,987,300	1,039,000	8,026,300	595,200	8,621,500
Wheatland	9,256,300	2,960,000	12,216,300	955,900	13,172,200
CENTRAL	126,064,500	62,255,000	188,319,500	20,309,200	208,628,700
Beaverhead	36,694,500	7,218,000	43,912,500	770,200	44,682,700
Gallatin	23,616,700	12,829,000	36,445,700	2,156,100	38,601,800
Jefferson	5,363,000	1,079,000	6,442,000	233,700	6,675,700
Madison	19,782,500	2,339,000	22,121,500	516,000	22,637,500
Silver Bow	1,200,700	161,000	1,361,700	30,200	1,391,900
S. WEST	86,657,400	23,626,000	110,283,400	3,706,200	113,989,600
Big Horn	23,573,600	10,811,000	34,384,600	2,498,200	36,882,800
Carbon	17,759,300	9,458,000	27,217,300	1,205,800	28,423,100
Park	10,891,800	2,514,000	13,405,800	539,500	13,945,300
Stillwater	14,843,200	6,449,000	21,292,200	1,871,800	23,164,000
Sweet Grass	10,212,500	1,431,000	11,643,500	619,400	12,262,900
Treasure	5,566,900	4,213,000	9,779,900	637,400	10,417,300
Yellowstone	38,503,600	17,980,000	56,483,600	2,612,300	59,095,900
S. CENTRAL	121,350,900	52,856,000	174,206,900	9,984,400	184,191,300
Carter	16,631,200	3,309,000	19,940,200	2,573,800	22,514,000
Custer	17,398,300	4,416,000	21,814,300	2,174,500	23,988,800
Fallon	9,073,700	5,166,000	14,239,700	2,001,700	16,241,400
Powder River	17,511,000	3,702,000	21,213,000	1,253,200	22,466,200
Prairie	9,058,400	4,433,000	13,491,400	1,454,000	14,945,400
Rosebud	18,255,700	5,203,000	23,458,700	1,908,500	25,367,200
Wibaux	5,269,400	4,183,000	9,452,400	1,323,800	10,776,200
S. EAST	93,197,700	30,412,000	123,609,700	12,689,500	136,299,200
STATE	683,234,000	545,060,000	1,228,294,000	137,237,000	1,365,531,000

CASH RECEIPTS BY COUNTIES—1979

From sale of Principal Products and Government Payments

COUNTY & DISTRICT	Livestock and Livestock Products	Crops	Total Receipts from Marketings Dollars	Govern- ment Payments	All Cash Receipts
Deer Lodge	3,370,400	593,000	3,963,400	35,300	3,998,700
Flathead	8,951,300	6,642,000	15,593,300	284,000	15,877,300
Granite	8,009,200	1,059,000	9,068,200	70,000	9,138,200
Lake	19,602,500	8,493,000	28,095,500	290,400	28,385,900
Lincoln	2,065,100	557,000	2,622,100	170,300	2,792,400
Mineral	727,500	244,000	971,500	35,600	1,007,100
Missoula	4,304,600	1,391,000	5,695,600	264,100	5,959,700
Powell	11,629,700	1,735,000	13,364,700	238,100	13,602,800
Ravalli	17,382,200	2,604,000	19,986,200	300,800	20,287,000
Sanders	6,374,800	847,000	7,221,800	290,000	7,511,800
N. WEST	82,417,300	24,165,000	106,582,300	1,978,600	108,560,900
Blaine	22,175,100	16,590,000	38,765,100	1,147,600	39,912,700
Chouteau	14,928,000	49,430,000	64,358,000	1,268,100	65,626,100
Glacier	10,133,300	14,915,000	25,048,300	2,048,700	27,097,000
Hill	7,912,500	41,956,000	49,868,500	862,400	50,730,900
Liberty	4,262,300	21,166,000	25,428,300	124,700	25,553,000
Phillips	22,411,100	12,074,000	34,485,100	973,800	35,458,900
Pondera	8,786,000	22,542,000	31,328,000	609,200	31,937,200
Teton	19,237,100	20,267,000	39,504,100	939,200	40,443,300
Toole	5,991,700	24,524,000	30,515,700	522,700	31,038,400
N. CENTRAL	115,837,100	223,464,000	339,301,100	8,496,400	347,797,500
Daniels	6,031,700	14,498,000	20,529,700	1,365,600	21,895,300
Dawson	11,635,800	14,942,000	26,577,800	505,400	27,083,200
Garfield	18,282,700	5,637,000	23,919,700	1,182,700	25,102,400
McCone	11,466,900	14,957,000	26,423,900	837,500	27,261,400
Richland	17,350,600	22,527,000	39,877,600	862,900	40,740,500
Roosevelt	9,681,700	23,012,000	32,693,700	725,900	33,419,600
Sheridan	6,406,200	24,967,000	31,373,200	875,600	32,248,800
Valley	19,678,300	22,221,000	41,899,300	1,350,600	43,249,900
N. EAST	100,533,900	142,761,000	243,294,900	7,706,200	251,001,100
Broadwater	8,036,900	6,661,000	14,697,900	358,500	15,056,400
Cascade	25,761,000	18,604,000	44,365,000	1,345,900	45,710,900
Fergus	32,949,100	18,765,000	51,714,100	1,141,500	52,855,600
Golden Valley	7,309,100	1,701,000	9,010,100	457,600	9,467,700
Judith Basin	15,901,000	9,576,000	25,477,000	429,800	25,906,800
Lewis & Clark	12,806,300	2,850,000	15,656,300	559,600	16,215,900
Meagher	15,556,300	1,829,000	17,385,300	318,800	17,704,100
Musselshell	9,988,000	2,629,000	12,617,000	621,600	13,238,600
Petroleum	8,488,900	1,222,000	9,710,900	290,100	10,001,000
Wheatland	10,963,100	2,844,000	13,807,100	623,500	14,430,600
CENTRAL	147,759,700	66,681,000	214,440,700	6,146,900	220,587,600
Beaverhead	44,830,200	4,187,000	49,017,200	697,400	49,714,600
Gallatin	26,472,300	13,643,000	40,115,300	455,500	40,570,800
Jefferson	6,506,400	1,021,000	7,527,400	128,400	7,655,800
Madison	23,877,300	2,667,000	26,544,300	445,400	26,989,700
Silver Bow	1,477,900	139,000	1,616,900	20,400	1,637,300
S. WEST	103,164,100	21,657,000	124,821,100	1,747,100	126,568,200
Big Horn	29,322,700	12,452,000	41,774,700	344,500	42,119,200
Carbon	19,434,800	10,031,000	29,465,800	865,300	30,331,100
Park	13,261,200	2,819,000	16,080,200	194,700	16,274,900
Stillwater	14,940,500	6,221,000	21,161,500	1,026,600	22,188,100
Sweet Grass	12,161,900	1,423,000	13,584,900	490,900	14,075,800
Treasure	6,134,900	5,189,000	11,323,900	96,400	11,420,300
Yellowstone	44,690,200	19,883,000	64,573,200	591,200	65,164,400
S. CENTRAL	139,946,200	58,018,000	197,964,200	3,609,600	201,573,800
Carter	18,617,500	3,977,000	22,594,500	1,819,800	24,414,300
Custer	21,140,200	4,881,000	26,021,200	529,900	26,551,100
Fallon	10,630,000	6,135,000	16,765,000	245,300	17,010,300
Powder River	20,553,500	4,278,000	24,831,500	467,200	25,298,700
Prairie	9,799,900	4,745,000	14,544,900	390,500	14,935,400
Rosebud	23,616,700	5,995,000	29,611,700	646,800	30,258,500
Wibaux	6,295,900	4,314,000	10,609,900	212,700	10,822,600
S. EAST	110,653,700	34,325,000	144,978,700	4,312,200	149,290,900
STATE	800,312,000	571,071,000	1,371,383,000	33,997,000	1,405,380,000

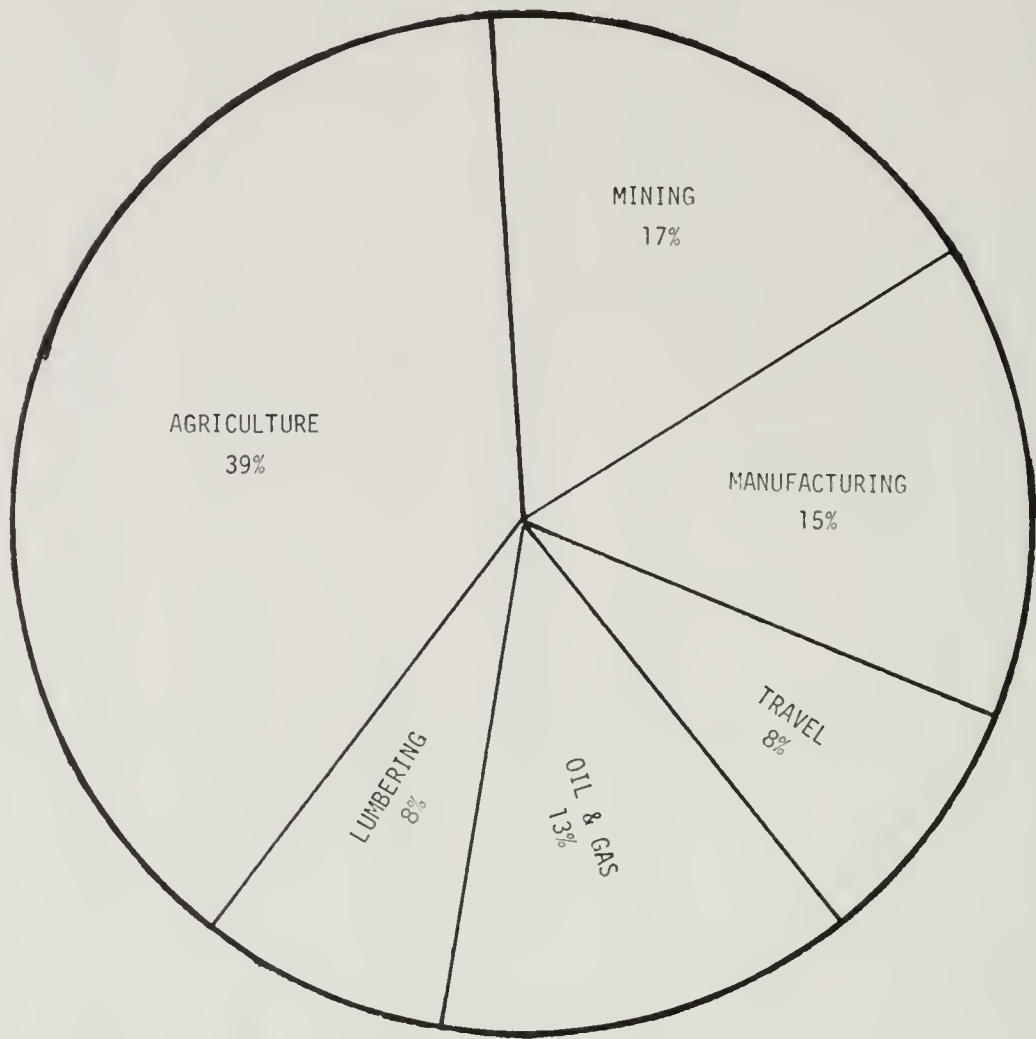
NUMERICAL RANKING OF COUNTIES

COUNTY	1979 Crop Production						
	All Wheat	Winter Wheat	Spring Wheat Excl. Durum	Durum Wheat	Barley	Oats	All Hay
Beaverhead	40	45	29		24	38	1
Big Horn	21	11	32		14	18	5
Blaine	12	9	13	13	12	8	14
Broadwater	31	32	20		13	24	28
Carbon	35	27	37		17	15	8
Carter	29	21	27	24	40	29	25
Cascade	9	3	18	27	7	11	6
Chouteau	1	1	4	12	2	7	26
Custer	32	23	30		36	31	15
Daniels	13	51	6	10	31	36	50
Dawson	15	18	8	7	29	31	30
Deer Lodge	55	53	51		52	52	48
Fallon	22	22	17		35	22	36
Fergus	10	4	22	11	5	4	4
Flathead	33	29	28		10	34	31
Gallatin	23	14	23	19	6	9	2
Garfield	24	25	21	26	37	23	45
Glacier	17	30	9	8	4	46	41
Golden Valley	37	31	44	20	43	33	51
Granite	52	53	47		53	52	40
Hill	2	2	3	17	18	3	44
Jefferson	46	42	52		48	30	43
Judith Basin	20	13	24	21	9	2	22
Lake	39	36	31		15	26	9
Lewis and Clark	43	38	41		25	25	12
Liberty	6	5	7	15	19	41	52
Lincoln	54	53	50		55	49	52
McCone	11	12	12	16	28	23	38
Madison	42	43	33		30	30	3
Meagher	45	41	48		32	32	20
Mineral	53	52	50		55	51	55
Missoula	50	49	45		49	45	35
Musselshell	38	33	40		42	37	37
Park	36	28	35		26	14	13
Peteroleum	48	44	49		45	50	42
Phillips	18	20	14	28	16	6	10
Pondera	8	6	16	3	3	28	33
Powder River	30	17	36	23	46	39	18
Powell	51	50	46		50	44	17
Prairie	25	15	42		41	43	49
Ravalli	47	47	38		38	13	16
Richland	16	24	10	9	20	1	32
Roosevelt	5	37	2	2	23	10	27
Rosebud	26	19	25		34	27	21
Sanders	49	48	44		51	48	29
Sheridan	3	46	11	1	27	35	39
Silver Bow	56				54	47	54
Stillwater	27	16	43	18	22	16	24
Sweet Grass	44	40	50		39	19	23
Teton	14	8	15	6	1	17	7
Toole	4	7	5	4	8	40	53
Treasure	41	39	34	22	47	42	47
Valley	7	34	1	14	21	5	11
Wheatland	34	26	39		33	20	34
Wibaux	28	35	19	5	44	21	46
Yellowstone	19	10	26	25	11	12	19

NUMERICAL RANKING OF COUNTIES

COUNTY	Cash Receipts—1979			Livestock Numbers		
	All Products	Livestock and Products	Crops	Cattle Jan. 1, 1979	Sheep Jan. 1, 1979	Hogs Jan. 1, 1979
Beaverhead	5	1	36	1	3	29
Big Horn	8	4	20	2	32	13
Blaine	12	10	14	8	21	8
Broadwater	39	40	26	41	25	28
Carbon	19	15	22	18	5	19
Carter	30	17	37	14	1	24
Cascade	6	6	13	12	17	23
Chouteau	2	24	1	20	37	10
Custer	24	11	32	10	19	27
Daniels	32	49	18	48	30	14
Dawson	21	28	16	30	24	28
Deer Lodge	53	53	53	51	43	36
Fallon	35	32	28	28	25	16
Fergus	3	3	12	3	12	1
Flathead	38	37	25	49	39	3
Gallatin	9	5	19	16	18	18
Garfield	29	18	30	13	2	26
Glacier	27	33	17	35	37	5
Golden Valley	49	43	46	39	20	29
Granite	48	41	50	37	38	39
Hill	4	42	2	42	39	6
Jefferson	50	44	51	44	40	32
Judith Basin	25	21	23	17	23	28
Lake	20	14	24	19	28	17
Lewis & Clark	37	26	38	29	10	26
Liberty	26	52	9	52	43	12
Lincoln	54	54	54	54	43	36
McCone	23	30	15	31	6	24
Madison	22	7	41	4	9	25
Meagher	34	22	44	15	15	25
Mineral	56	56	55	56	43	39
Missoula	52	51	48	53	42	37
Musselshell	44	34	42	34	12	33
Park	36	25	40	23	27	26
Petroleum	47	39	49	36	22	35
Phillips	13	9	21	7	13	18
Pondera	16	38	6	40	26	15
Powder River	28	12	35	9	8	33
Powell	43	29	45	26	36	27
Prairie	40	35	33	32	29	30
Ravalli	33	19	43	25	16	20
Richland	10	20	7	27	18	4
Roosevelt	14	36	5	38	33	8
Rosebud	18	8	29	6	11	21
Sanders	51	46	52	45	41	34
Sheridan	15	45	3	46	35	24
Silver Bow	55	55	56	55	44	38
Stillwater	31	23	27	24	11	11
Sweet Grass	42	27	47	22	4	30
Teton	11	16	10	21	14	2
Toole	17	50	4	50	31	9
Treasure	45	48	31	43	42	34
Valley	7	13	8	11	24	7
Wheatland	41	31	39	33	7	22
Wibaux	46	47	34	47	34	31
Yellowstone	1	2	11	5	23	22

RELATIVE IMPORTANCE OF SELECTED MAJOR MONTANA INDUSTRIES
Percent of Total



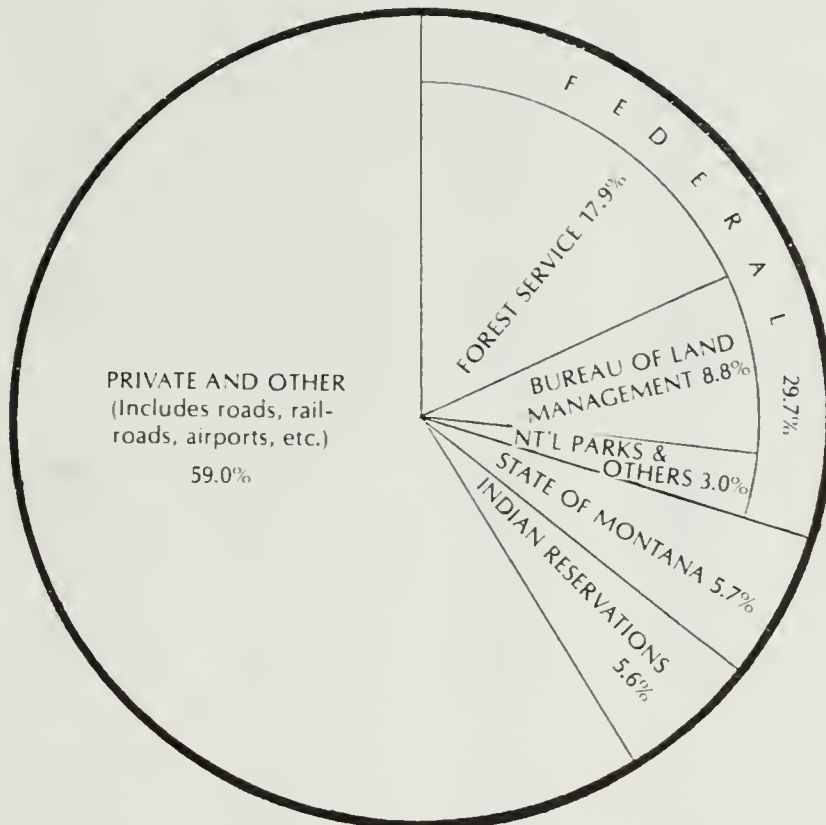
VALUE BY GROUPS

Industry	Basis	Year	Value in Millions
Agriculture ¹	Cash Receipts	1979	1,371
Mining ²	Gross Value	1979	588
Manufacturing ³	Value added		
	(excluding lumber and wood products)	1977	515
Travel ⁴	Estimated value	1979	263
Oil & Gas ²	Value of Production	1979	460
Lumber & Wood Products ³	Value added	1977	287
Total of above industries			3,484

¹USDA, Economics, Statistics, & Cooperative Service.
²Montana Department of Revenue
³Census of Manufacturers, Bureau of Census
⁴Montana Department of Highways (travelers from out of State)

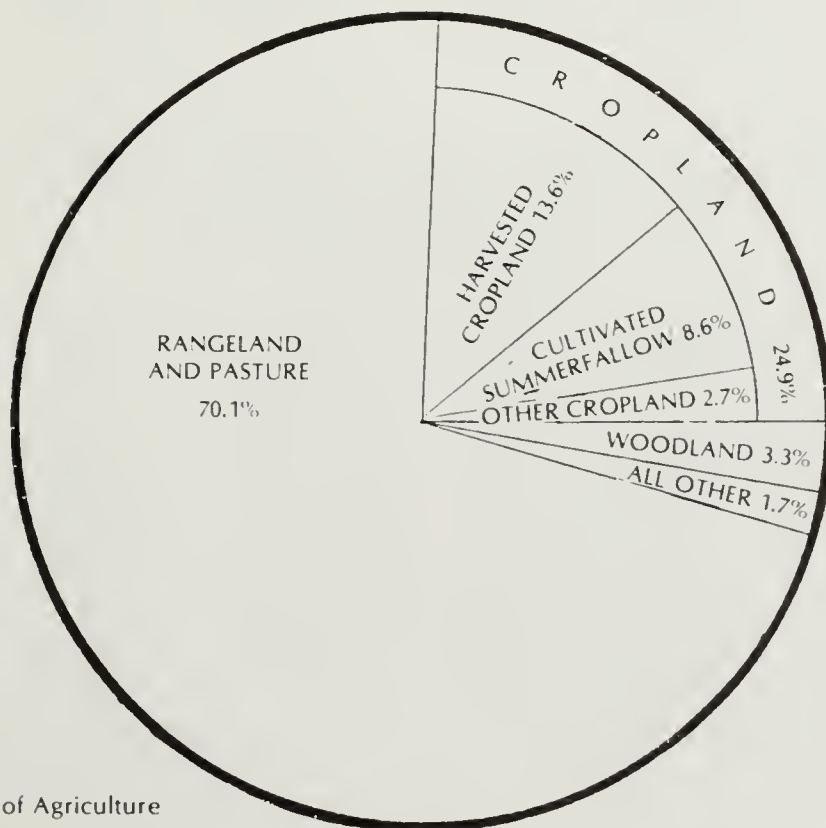
MONTANA LAND AREA AND LAND IN FARMS

MONTANA LAND AREA (93.3 Million Acres)
Ownership as Percentage of Total



Source: "Public Land Statistics, 1976" and Montana Department of Lands.

LAND IN FARMS & RANCHES (62.2 Million Acres)
Utilization as Percentage of Total



Source: 1974 Census of Agriculture

NUMBER OF WORKERS ON FARMS

Family and Hired Workers, 1970-1980

Year	January	April	July	October	Annual Average
			Numbers		
			Total Workers		
1970	27,000	37,000	53,000	40,000	39,000
1971	26,000	46,000	54,000	36,000	41,000
1972	27,000	45,000	51,000	37,000	40,000
1973	26,000	42,000	55,000	38,000	40,000
1974	22,000	37,000	51,000	39,000	37,000
1975	26,000	29,000	41,000	33,000	32,000
1976	28,000	34,000	39,000	32,000	33,300
1977	22,600	36,000	41,000	28,000	31,900
1978	24,500	34,100	41,000	31,600	32,800
1979	30,200	34,000	43,000	26,000	33,500
1980 ¹	25,000	35,000			
			Family Workers		
1970	23,000	29,000	31,000	29,000	28,000
1971	22,000	35,000	30,000	27,000	29,000
1972	23,000	33,000	31,000	28,000	29,000
1973	22,000	31,000	30,000	28,000	28,000
1974	16,000	26,000	31,000	26,000	25,000
1975	18,000	20,000	26,000	23,000	22,000
1976	21,000	25,000	27,000	23,000	24,000
1977	18,000	28,000	29,000	22,000	24,000
1978	20,000	27,000	27,000	26,000	25,000
1979	23,300	23,000	32,000	17,000	24,000
1980 ¹	16,000	25,000			
			Hired Workers		
1970	4,000	8,000	22,000	11,000	11,000
1971	4,000	11,000	24,000	9,000	12,000
1972	4,000	12,000	20,000	9,000	11,000
1973	4,000	11,000	25,000	10,000	13,000
1974	6,000	11,000	20,000	13,000	13,000
1975	8,000	9,000	15,000	10,000	11,000
1976	7,000	9,000	12,000	9,000	9,300
1977	4,600	8,000	12,000	6,000	7,700
1978	4,500	7,100	14,000	5,600	7,800
1979	6,900	11,000	11,000	9,000	9,500
1980 ¹	9,000	10,000			

FARM WAGE RATES

Paid to all Hired Workers Per Hour, 1970-1980

Year	January	April	July	October	Annual Average
			Dollars		
1970	1.68	1.60	1.61	1.64	1.63
1971	1.73	1.69	1.71	1.75	1.72
1972	1.80	1.80	1.80	1.93	1.83
1973	1.95	2.00	2.04	2.08	2.02
1974	2.22	1.84	1.97	2.35	2.10
1975	2.38	1.94	1.89	2.55	2.19
1976	2.53	2.20	2.08	2.42	2.31
1977	2.58	2.30	2.10	2.37	2.34
1978	2.50	2.72	2.38	2.53	2.53
1979	2.84	2.80	2.52	2.93	2.77
1980 ¹	3.25	3.14			

¹Some data not available in time for publication.

COMMERCIAL FERTILIZER CONSUMPTIONBy Primary Nutrients and Fertilizer Materials, 1974-1979¹**PRIMARY
NUTRIENTS**

	1974	1975	1976	1977	1978	1979
	Tons					
Nitrogen	45,961	39,029	53,982	64,024	53,982	76,382
Available P ₂ O ₅	60,786	43,973	62,989	74,294	59,816	78,997
K ₂ O	4,225	3,155	5,725	8,609	5,298	10,292
TOTAL NUTRIENTS²	110,972	86,158	122,696	146,927	119,097	165,671

**FERTILIZER
MATERIALS****NITROGEN MATERIALS:**

Anhydrous Ammonia	2,049	5,818	3,683	6,055	2,607	6,576
Aqua Ammonia	441	260	30	148	47	0
Ammonium Nitrate	57,295	47,750	68,588	69,115	57,519	66,088
Ammonium Sulphate	10,768	5,645	1,450	5,174	3,969	5,469
Nitrogen Solution	2,539	1,720	4,707	5,143	5,121	6,846
Urea	649	3,305	4,455	9,261	14,741	34,455
Other	955	1,208	3,875	1,036	0	250

PHOSPHATE MATERIALS:

Phosphate Rock	0	0	0	50	0	0
Superphosphate-over 22%	9,799	7,268	8,305	10,581	10,083	7,977
Ammonium Phosphate	35,532	32,822	33,890	27,144	21,777	16,626
Other	1,049	1,125	1,306	991	291	824

POTASH MATERIALS:

Chloride 50-62%	5,534	4,004	8,725	13,318	7,188	0
Other	0	0	0	0	0	15,020

NATURAL ORGANIC

	237	109	153	127	0	0
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**SECONDARY AND
MICRONUTRIENTS:**

Gypsum	2,058	3,813	5,823	9,587	6,791	3,227
Other	4	151	217	406	495	3,911

MIXTURES	100,965	63,975	111,176	143,946	119,293	166,565
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TOTAL MATERIALS AND MIXTURES	229,874	178,973	256,383	302,082	249,922	333,834
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¹Year ending June 1.²Data for some years may not add due to rounding.**ALL CROPS, IRRIGATED AND NOT IRRIGATED - 1970-1979**

Acres Harvested and Value of Crop Production

Year	IRRIGATED				NOT IRRIGATED	
	Acres Harvested		Value of Crop Production		Acres Harvested	Value of Crop Production
	Number	% of Total	Dollars	% of Total	Number	Dollars
1970	1,492,439	18	91,106,900	31	6,809,900	203,731,100
1971	1,458,155	17	105,725,900	32	7,280,300	223,941,100
1972	1,564,355	19	139,386,700	31	6,773,300	313,103,300
1973	1,733,455	19	264,698,400	31	7,226,900	595,484,600
1974	1,696,290	19	247,490,700	28	7,273,300	650,425,300
1975	1,736,490	19	224,270,400	24	7,360,300	704,827,600
1976	1,692,400	19	212,882,700	28	7,431,800	549,749,300
1977	1,640,400	18	234,235,700	34	7,505,200	456,706,300
1978	1,691,400	19	223,804,400	29	7,340,500	557,526,600
1979	1,685,000	19	269,694,900	33	7,185,000	549,796,100
1974-78 Avg.	1,691,400	19	228,536,800	28	7,382,200	583,847,000

ALL CROPS, IRRIGATED AND NOT IRRIGATED — 1978

Acres Harvested and Value of Crop Production

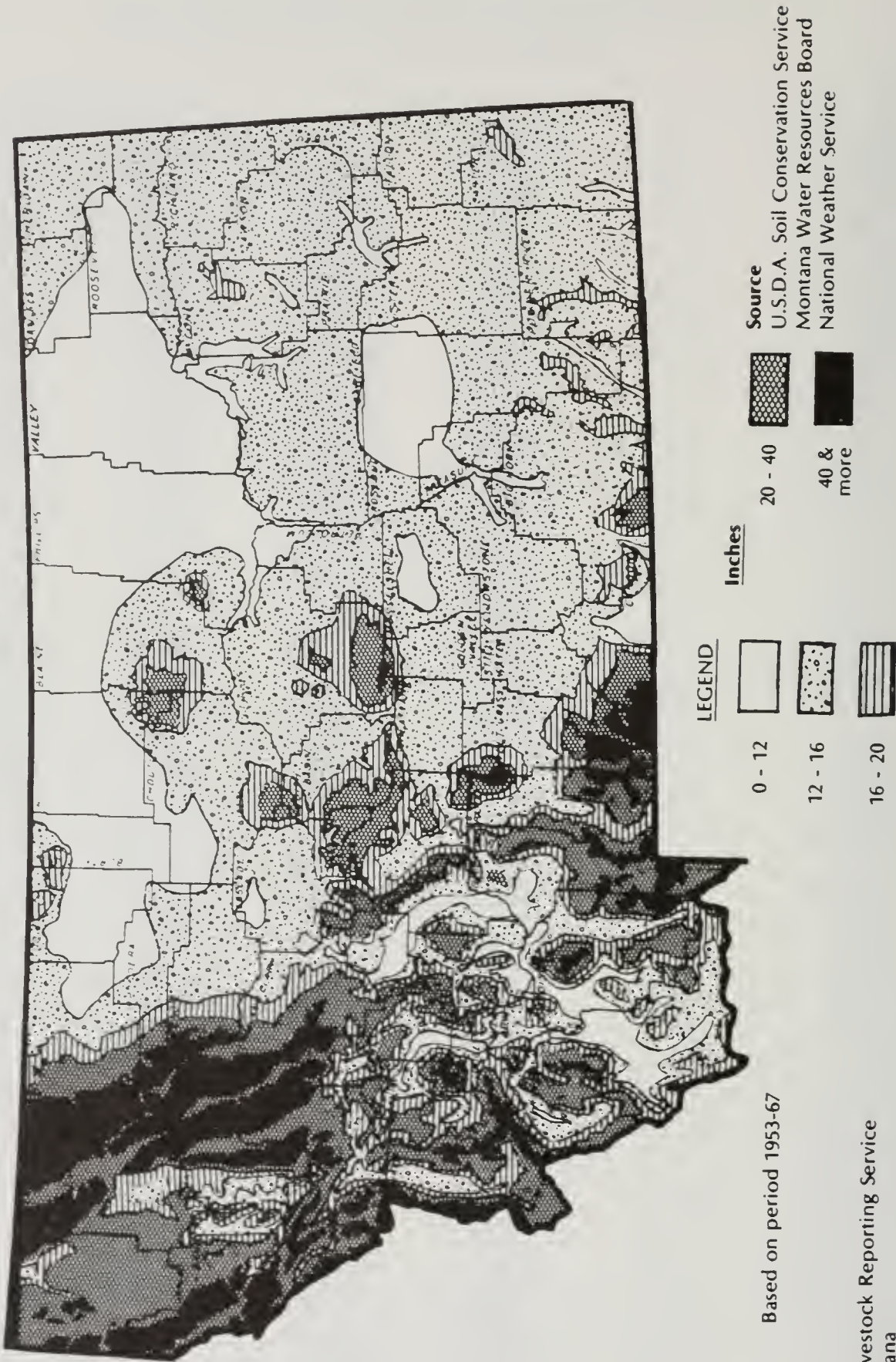
COUNTY & DISTRICT	IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Value of Crop Production	Acres Harvested	Value of Crop Production
Deer Lodge	12,600	1,251,000	600	40,100
Flathead	36,920	5,349,300	48,600	4,705,700
Granite	27,100	2,435,000	1,900	122,700
Lake	61,770	11,711,300	26,900	2,332,700
Lincoln	5,100	452,900	3,600	215,400
Mineral	1,300	152,100	1,600	130,700
Missoula	24,660	2,649,000	8,800	641,800
Powell	43,490	3,843,900	19,000	1,151,000
Ravalli	45,090	6,086,900	5,800	453,500
Sanders	16,500	1,906,400	18,400	1,358,000
N. WEST	274,530	35,837,800	135,200	11,151,600
Blaine	43,460	4,623,200	222,300	18,087,100
Chouteau	13,350	1,296,000	617,650	53,361,300
Glacier	23,300	2,310,900	203,500	15,989,000
Hill	10,310	900,900	560,400	45,332,200
Liberty	2,500	253,100	277,100	21,483,700
Phillips	56,820	4,753,200	189,200	15,367,600
Pondera	47,610	5,015,900	234,950	20,183,400
Teton	84,230	9,844,600	221,500	16,898,900
Toole	2,600	248,100	312,500	24,727,700
N. CENTRAL	284,180	29,245,900	2,839,100	231,430,900
Daniels	2,890	285,400	265,350	18,742,100
Dawson	14,990	3,958,800	199,600	13,365,100
Garfield	7,260	885,100	112,900	7,718,700
McCone	7,410	735,300	240,400	18,358,600
Richland	37,180	11,866,300	221,150	17,029,800
Roosevelt	7,000	825,700	387,000	27,020,900
Sheridan	2,900	280,600	362,100	28,123,700
Valley	34,600	4,246,600	383,000	27,799,100
N. EAST	114,230	23,083,800	2,171,500	158,158,000
Broadwater	47,040	7,258,400	31,600	2,360,800
Cascade	35,350	3,948,300	220,500	16,802,100
Fergus	20,300	2,305,000	349,600	26,125,500
Golden Valley	7,300	812,100	34,400	2,036,400
Judith Basin	14,900	1,282,400	167,700	12,467,000
Lewis & Clark	39,720	4,297,600	21,200	1,436,400
Meagher	38,500	3,554,000	23,800	1,479,600
Musselshell	9,110	1,264,300	39,200	2,353,900
Petroleum	13,950	1,467,200	22,100	1,523,800
Wheatland	26,100	2,537,000	60,900	3,894,700
CENTRAL	252,270	28,726,300	971,000	70,480,200
Beaverhead	150,450	12,855,000	8,400	593,000
Gallatin	86,480	13,378,700	86,200	8,350,300
Jefferson	24,200	2,128,100	11,100	709,700
Madison	78,150	9,209,300	9,400	710,200
Silver Bow	9,300	947,300	1,000	53,500
S. WEST	348,580	38,518,400	116,100	10,416,700
Big Horn	57,665	8,871,600	116,100	8,327,400
Carbon	62,490	11,784,100	38,750	2,704,400
Park	53,205	5,169,800	35,100	2,383,600
Stillwater	20,115	2,754,400	111,200	7,707,000
Sweet Grass	26,405	2,481,600	36,100	2,235,500
Treasure	16,010	4,350,600	13,900	1,030,200
Yellowstone	69,820	15,773,500	119,650	8,786,300
S. CENTRAL	305,710	51,185,600	470,800	33,174,400
Carter	12,405	1,021,300	111,800	7,286,900
Custer	28,625	4,827,200	83,700	5,332,800
Fallon	5,405	664,300	136,800	8,682,300
Powder River	17,305	1,417,500	95,400	6,371,100
Prairie	10,900	2,999,300	61,100	4,291,700
Rosebud	35,255	6,061,300	58,800	4,138,800
Wibaux	2,005	215,700	89,200	6,611,200
S. EAST	111,900	17,206,600	636,800	42,714,800
STATE	1,691,400	223,804,400	7,340,500	557,526,600

ALL CROPS, IRRIGATED AND NOT IRRIGATED — 1979

Acres Harvested and Value of Crop Production

COUNTY & DISTRICT	IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Value of Crop Production	Acres Harvested	Value of Crop Production
Deer Lodge	13,450	1,872,100	600	39,600
Flathead	30,700	5,688,200	45,300	4,139,900
Granite	27,000	2,553,300	1,800	116,700
Lake	54,700	12,107,000	28,050	2,071,000
Lincoln	6,600	857,600	2,700	215,000
Mineral	2,000	328,500	1,400	125,300
Missoula	21,510	2,841,700	6,650	548,900
Powell	41,500	4,483,400	13,000	745,100
Ravalli	38,140	6,000,100	5,500	401,800
Sanders	20,100	2,749,500	17,100	1,250,400
N. WEST	255,700	39,481,400	122,100	9,653,700
Blaine	37,670	5,187,000	223,850	17,604,700
Chouteau	14,205	2,108,800	598,100	54,787,100
Glacier	24,405	3,560,600	188,000	15,626,100
Hill	11,110	1,207,600	566,300	44,276,500
Liberty	4,505	714,800	267,100	23,230,800
Phillips	45,020	4,580,900	185,200	12,619,500
Pondera	46,505	6,527,900	217,800	22,254,700
Teton	91,225	13,491,400	191,900	16,780,200
Toole	4,205	477,800	313,000	28,004,500
N. CENTRAL	278,850	37,856,800	2,751,250	235,184,100
Daniels	2,230	263,400	260,700	14,137,200
Dawson	19,585	5,331,300	218,700	14,180,200
Garfield	8,755	1,433,800	104,350	5,441,700
McCone	6,105	944,700	247,050	16,278,300
Richland	33,560	11,842,100	195,150	12,915,500
Roosevelt	12,755	1,963,000	380,750	25,261,100
Sheridan	4,105	479,900	375,800	27,681,700
Valley	26,805	4,350,400	373,800	22,376,400
N. EAST	113,900	26,608,600	2,156,300	138,272,100
Broadwater	42,050	7,445,800	27,100	2,281,000
Cascade	38,950	6,200,400	236,300	21,535,600
Fergus	13,005	1,611,900	330,300	28,780,700
Golden Valley	8,005	907,900	31,400	2,021,900
Judith Basin	10,405	1,174,200	161,400	14,118,000
Lewis & Clark	46,820	6,133,200	19,100	1,296,500
Meagher	43,305	4,786,700	16,600	1,135,400
Musselshell	15,105	2,431,100	39,300	2,342,600
Petroleum	14,600	2,374,200	19,100	1,125,400
Wheatland	21,105	2,571,600	46,700	2,972,600
CENTRAL	253,350	35,637,000	927,300	77,609,700
Beaverhead	169,450	16,140,300	10,100	611,100
Gallatin	89,800	17,653,600	79,500	7,391,300
Jefferson	23,400	2,408,900	9,700	692,700
Madison	90,050	11,443,900	11,700	876,000
Silver Bow	7,200	825,200	800	54,900
S. WEST	379,900	48,471,900	111,800	9,626,000
Big Horn	45,655	11,115,900	140,400	11,969,000
Carbon	56,170	13,385,600	37,800	2,838,300
Park	43,005	5,319,800	36,200	3,126,400
Stillwater	21,295	3,614,900	100,200	7,000,100
Sweet Grass	34,805	3,795,300	26,000	1,600,900
Treasure	18,500	6,084,800	16,800	1,208,500
Yellowstone	70,750	18,767,400	106,650	8,571,300
S. CENTRAL	290,180	62,083,700	464,050	36,314,500
Carter	10,205	1,235,600	108,600	7,050,700
Custer	30,125	5,845,500	77,600	4,854,300
Fallon	6,105	947,500	134,100	8,778,600
Powder River	17,605	2,066,200	104,000	7,323,300
Prairie	11,070	2,349,800	65,900	4,656,600
Rosebud	35,605	6,792,300	70,400	4,913,600
Wibaux	2,405	318,600	91,600	5,558,900
S. EAST	113,120	19,555,500	652,200	43,136,000
STATE	1,685,000	269,694,900	7,185,000	549,796,100

AVERAGE ANNUAL PRECIPITATION



CLIMATOLOGICAL DATA

PREPARED BY THE NATIONAL WEATHER SERVICE, GREAT FALLS, MONTANA
Precipitation and Number of Days Between Freezing Temperatures — 1978 and 1979

COUNTY & DISTRICT	STATIONS	Precipitation, Inches						Number of Days Between Dates of Temperature of 32°, Last in Spring and First in Fall ¹		
		Annual			Growing Season April thru September			1978	1979	Avg.
		1978	1979	Normal ²	1978	1979	Normal ²			
Deer Lodge	E. Anaconda	12.52	7.99**	14.32	9.18	3.90**	9.21	110	121***	116
Flathead	Kalispell	16.74	13.12	16.24	10.69	6.13	8.83	115	89	135
Granite	Phillipsburg	14.22	8.41	14.93	11.51	5.33	9.93	31	62	55
Lake	St. Ignatius	20.06	12.37	16.36	13.81	5.99	10.29	116	104	119
Lincoln	Fortine	15.89	12.23	18.02	10.75	6.11	9.92	86	69	39
Mineral	Superior	16.18	10.75*	17.93	9.82	5.65	8.57	116	122***	85
Missoula	Missoula	11.77	10.37	13.34	7.29	4.58	7.71	114	125	112
Powell	Ovando	12.19	8.49	16.43	7.04	3.54	8.49	64	20	39
Ravalli	Hamilton	10.21	9.95	12.99	6.49	4.95	7.14	115	123	122
Sanders	Thompson Falls	21.89	16.21	22.52	11.63	4.66	9.10	117	164	115
N. WEST	Averages	15.17	10.99	16.31	9.82	5.08	8.92	98	100	94
Blaine	Chinook	15.22	8.29**	11.95	13.32	6.26**	8.97	--	96***	119
Choteau	Ft. Benton	14.93	11.69	14.78	13.93	8.55	10.28	113	97	127
Glacier	Cut Bank	20.24	8.58	11.58	16.90	6.63	9.36	112	109	108
Hill	Havre	15.84	8.85	11.55	11.28	5.90	8.59	159	123	138
Liberty	Joplin	11.89	8.14	10.72	9.30	6.64	8.67	108	122	115
Phillips	Malta	18.12	13.41	11.58	15.04	11.14	8.91	150	114***	131
Pondera	Valier	17.18	6.65	13.03	14.22	4.86	10.70	110	137	114
Teton	Fairfield	16.94	8.66	12.51	13.43	6.09	9.85	110	141	--
N. CENTRAL	Averages	16.30	9.28	12.21	13.43	7.01	9.42	123	117	122
Daniels	Scobey	19.30	11.82	13.62	15.51	7.97	10.40	152	117	116
Dawson	Glendive	16.65	7.14	13.82	13.70	5.40	11.13	168	145	139
Garfield	Jordan	22.11	7.91	11.42	18.60	4.55	9.09	149	97	108
McCone	Vida	23.35	7.08**	16.34	19.79	4.93**	12.28	--	115***	--
Richland	Savage	17.93	8.40	14.06	15.68	6.74	11.69	169	154***	131
Roosevelt	Culbertson	19.57	9.50	14.18	17.52	8.02	11.36	127	96	114
Sheridan	Medicine Lake	19.76	9.56	14.18	17.44	7.69	11.44	168	136	107
Valley	Glasgow	15.86	8.11	10.87	13.81	5.99	8.53	166	155	124
N. EAST	Averages	19.39	8.69	13.56	16.51	6.41	10.74	157	127	120
Broadwater	Townsend	12.21	12.00*	11.44	9.19	8.60	8.49	113	114	--
Cascade	Great Falls	19.17	9.91	14.99	13.11	6.24	10.19	132	145	135
Fergus	Lewistown	28.11	13.29	17.47	19.72	7.41	13.12	89	116	107
Golden Valley	Barber	17.37	10.14	12.65	11.70	7.18	9.75	117	97	108
Judith Basin	Stanford	25.54	12.87**	14.96	19.72	9.45	11.19	115	116	104
Lewis & Clark	Helena	10.96	10.39	11.38	7.11	6.53	7.98	132	116	134
Meagher	White Sul Spgs.	19.38	8.66**	17.51	15.64	5.10**	10.90	83	97	97
Musselshell	Roundup	21.81	7.74**	11.64	16.67	4.73**	9.23	138	114	129
Petroleum	Flatwillow	19.10	9.54	13.45	14.21	6.87	10.57	149	116	122
Wheatland	Harlowtown	16.65	10.29	12.75	10.95	8.25	9.84	92	97	96
CENTRAL	Averages	19.03	10.48	13.82	13.80	7.04	10.13	116	113	115
Beaverhead	Dillon	8.31	7.03**	9.55	7.46	4.63**	8.45	89	93***	99
Gallatin	Bozeman	20.33	15.43	18.66	14.29	10.08	12.10	109	116	107
Madison	Virginia City	15.67	14.04	15.93	11.61	8.38	11.05	58	93	94
Silver Bow	Butte	12.60	8.25	12.17	10.13	5.69	8.86	89	87	81
S. WEST	Averages	14.23	11.19	14.08	10.87	7.20	10.12	86	97	95
Big Horn	Crow Agency	26.04	9.28	14.87	19.58	6.29	10.18	147	98***	125
Carbon	Red Lodge	30.41	19.87	23.20	19.50	10.50	15.06	103	116	104
Park	Livingston	18.39	16.30	14.89	13.69	10.95	10.68	116	97	116
Stillwater	Columbus	26.60	10.05	13.64	18.85	4.83	10.14	134	116	--
Sweet Grass	Big Timber	16.17	13.33	15.13	10.48	8.86	11.02	162	97***	123
Treasure	Hysham	20.45	8.09**	11.95	17.32	5.34**	8.72	129	127	121
Yellowstone	Billings	26.81	8.41	14.15	18.48	4.67	9.51	165	153	132
S. CENTRAL	Averages	23.55	12.19	15.40	16.86	7.35	10.76	137	115	120
Carter	Ekalaka	19.31	14.05	15.22	14.35	10.66	12.02	--	97	122
Custer	Miles City	20.28	8.68	13.93	15.39	6.38	10.58	162	155	150
Fallon	Plevna	17.25	8.88**	13.36	12.82	7.00**	10.65	150	116***	118
Powder River	Broadus	17.95	10.51	14.05	13.29	7.27	10.39	148	113	128
Prairie	Mildred	--	5.81**	13.28	--	3.78**	10.63	--	126***	119
Rosebud	Forsyth	18.75	7.82*	12.13	14.82	5.45	9.51	133	116	130
Wibaux	Wibaux	17.01	8.07**	14.19	14.19	6.91	11.68	82	97	--
S. EAST	Averages	18.43	9.12	13.74	14.14	6.78	10.78	135	117	128

¹In this Comparison the "first in Fall" is the first freezing temperature after June 30.

²Normal for period 1941-1970.

--Data not available.

*Estimated Water Equivalent of snow for one or two months.

**Estimated rainfall amount for some of the months.

***Estimates for some of the temperatures during one or two months.

WINTER WHEAT

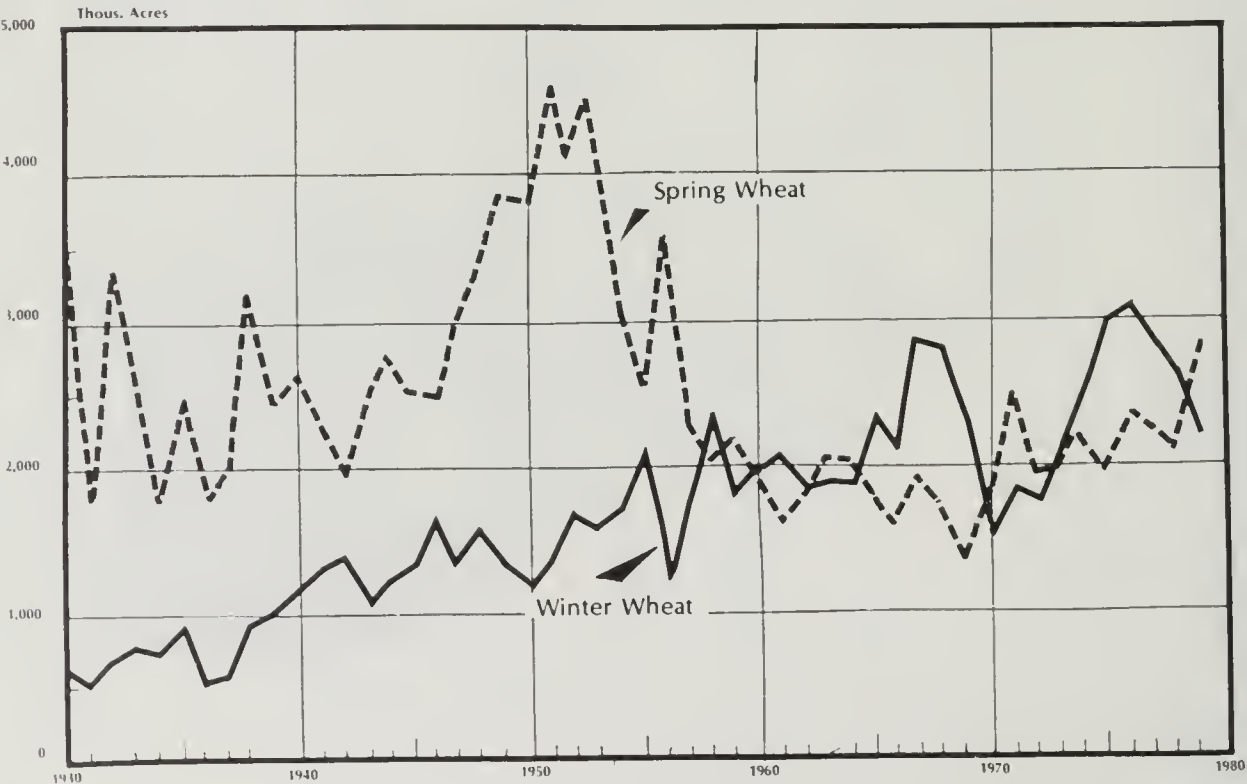
Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
				Bushels		Dollars	
1970	1,638,000	1,548,000	27.0	41,796,000	1.22	50,991,000	32.94
1971	1,913,000	1,827,000	30.0	54,810,000	1.17	64,128,000	35.10
1972	2,143,000	1,790,000	27.0	48,330,000	1.87	90,377,000	50.49
1973	2,200,000	2,080,000	26.5	55,120,000	4.18	230,402,000	110.77
1974	2,750,000	2,650,000	29.5	78,175,000	3.98	311,137,000	117.41
1975	3,100,000	3,000,000	35.0	105,000,000	3.34	350,700,000	116.90
1976	3,200,000	3,080,000	32.0	98,560,000	2.32	228,659,000	74.24
1977	3,050,000	2,800,000	29.0	81,200,000	2.30	182,760,000	65.27
1978	2,900,000	2,700,000	31.0	83,700,000	2.73	228,501,000	84.63
1979	3,000,000	2,250,000	25.5	57,375,000	3.60	206,550,000	91.80

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres		Bushels	Acres		Bushels
1970	20,000	49.8	995,000	1,528,000	26.7	40,801,000
1971	23,100	54.0	1,247,400	1,803,900	29.7	53,562,600
1972	26,000	52.0	1,353,000	1,764,000	26.6	46,977,000
1973	21,000	48.8	1,025,000	2,059,000	26.3	54,095,000
1974	21,900	50.6	1,107,100	2,628,100	29.3	77,067,900
1975	22,200	54.9	1,218,900	2,977,800	34.9	103,781,100
1976	22,000	51.8	1,140,000	3,058,000	31.9	97,420,000
1977	19,000	53.0	1,007,000	2,781,000	28.8	80,193,000
1978	14,000	54.0	756,000	2,686,000	30.9	82,944,000
1979	16,200	48.9	791,500	2,233,800	25.3	56,583,500

ACRES HARVESTED

All Spring and Winter Wheat, 1930-1979



DURUM WHEAT**Acreage, Production, Price, Total Value and Value Per Acre**

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield	Total	Price	Value of	Value
			Per Acre		Per Bu.	Production	Per Acre
			Bushels			Dollars	
1970	129,000	124,000	25.5	3,162,000	1.30	4,111,000	33.15
1971	168,000	160,000	23.0	3,680,000	1.26	4,637,000	28.98
1972	137,000	134,000	31.5	4,221,000	1.86	7,851,000	58.59
1973	185,000	182,000	22.0	4,004,000	5.90	23,624,000	129.80
1974	270,000	267,000	19.0	5,073,000	5.84	29,626,000	110.96
1975	380,000	375,000	27.0	10,125,000	4.48	45,360,000	120.96
1976	300,000	295,000	29.0	8,555,000	2.46	21,045,000	71.34
1977	230,000	220,000	22.0	4,840,000	2.69	13,020,000	59.18
1978	300,000	290,000	30.0	8,700,000	2.87	24,969,000	86.10
1979	335,000	325,000	21.0	6,825,000	4.15	28,324,000	87.15

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acre		Bushels	Acre		Bushels
1970	2,000	40.1	80,200	122,000	25.3	3,081,800
1971	1,000	41.3	41,300	159,000	22.9	3,638,700
1972	1,000	38.0	38,000	133,000	31.5	4,183,000
1973	800	39.5	31,600	181,200	21.9	3,972,400
1974	700	38.6	27,000	266,300	18.9	5,046,000
1975	4,000	45.3	181,200	371,000	26.8	9,943,800
1976	3,300	40.7	134,400	291,700	28.9	8,420,600
1977	3,600	37.8	135,900	216,400	21.7	4,704,100
1978	800	36.0	28,800	289,200	30.0	8,671,200
1979	600	45.0	27,000	324,400	21.0	6,798,000

SPRING WHEAT EXCLUDING DURUM**Acreage, Production, Price, Total Value and Value Per Acre**

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield	Total	Price Per Bu.	Value of Production	Value Per Acre
			Per Acre				
			Bushels			Dollars	
1970	1,739,000	1,711,000	23.5	40,209,000	1.40	56,293,000	32.90
1971	2,435,000	2,327,000	23.0	53,521,000	1.29	69,042,000	29.67
1972	1,850,000	1,780,000	26.0	46,280,000	1.90	87,932,000	49.40
1973	1,850,000	1,790,000	21.0	37,590,000	4.16	156,374,000	87.36
1974	2,000,000	1,940,000	19.0	36,860,000	4.57	168,450,000	86.83
1975	1,650,000	1,600,000	25.5	40,800,000	4.01	163,608,000	102.26
1976	2,080,000	2,040,000	29.5	60,180,000	2.61	157,070,000	77.00
1977	2,120,000	2,040,000	22.0	44,880,000	2.44	109,507,000	53.68
1978	1,900,000	1,850,000	29.0	53,650,000	2.77	148,611,000	80.33
1979	2,650,000	2,550,000	20.5	52,275,000	3.60	188,190,000	73.80

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acre		Bushels	Acre		Bushels
1970	36,000	37.7	1,358,000	1,675,000	23.2	38,851,000
1971	42,000	40.2	1,690,300	2,285,000	22.7	51,830,700
1972	36,000	41.5	1,494,000	1,744,000	25.7	44,786,000
1973	34,300	41.3	1,418,300	1,755,700	20.6	36,171,700
1974	44,100	41.7	1,839,400	1,895,900	18.5	35,020,600
1975	56,100	44.1	2,471,400	1,543,900	24.8	38,328,600
1976	89,000	44.3	3,944,000	1,951,000	28.8	56,236,000
1977	77,000	45.4	3,492,000	1,963,000	21.1	41,388,000
1978	54,000	49.8	2,686,900	1,796,000	28.4	50,963,100
1979	62,300	48.9	3,048,500	2,487,700	19.8	49,226,500

ALL WHEAT

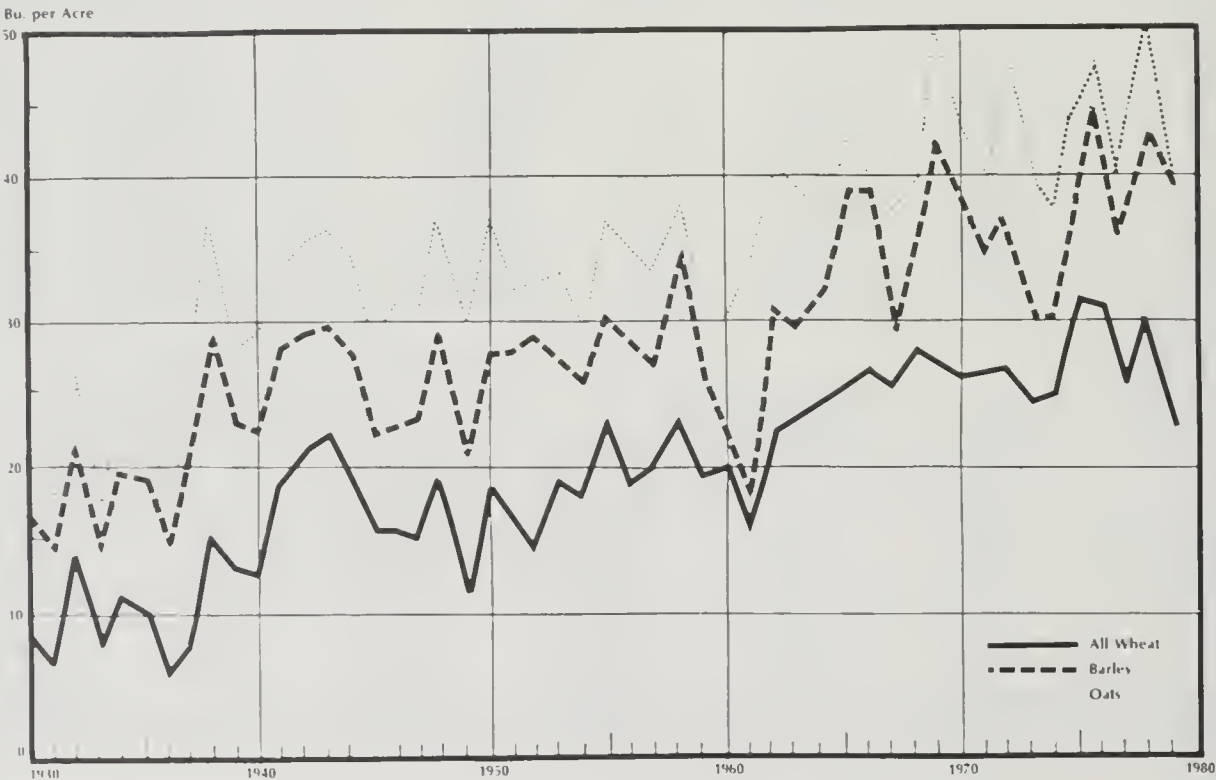
Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production Dollars	Value Per Acre
1970	3,506,000	3,383,000	25.2	85,167,000	1.31	111,395,000	32.93
1971	4,516,000	4,314,000	26.0	112,011,000	1.23	137,807,000	31.94
1972	4,130,000	3,704,000	26.7	98,831,000	1.88	186,160,000	50.26
1973	4,235,000	4,052,000	23.9	96,714,000	4.24	410,400,000	101.28
1974	5,020,000	4,857,000	24.7	120,108,000	4.24	509,213,000	104.84
1975	5,130,000	4,975,000	31.3	155,925,000	3.59	559,668,000	112.50
1976	5,580,000	5,415,000	30.9	167,295,000	2.43	406,774,000	75.12
1977	5,400,000	5,060,000	25.9	130,920,000	2.36	309,287,000	61.12
1978	5,100,000	4,840,000	30.2	146,050,000	2.75	402,081,000	83.07
1979	5,985,000	5,125,000	22.7	116,475,000	3.63	423,064,000	82.55

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain Acres	Yield Per Acre	Production Bushels	Harvested for Grain Acres	Yield Per Acre	Production Bushels
1970	58,000	42.0	2,433,200	3,325,000	24.9	82,733,800
1971	66,100	45.1	2,979,000	4,247,900	25.7	109,032,000
1972	63,000	45.8	2,885,000	3,641,000	26.4	95,946,000
1973	56,100	44.1	2,474,900	3,995,900	23.6	94,239,100
1974	66,700	44.6	2,973,500	4,790,300	24.5	117,134,500
1975	82,300	47.0	3,871,500	4,892,700	31.1	152,053,500
1976	114,300	45.7	5,218,400	5,300,700	30.6	162,076,600
1977	99,600	46.5	4,634,900	4,960,400	25.5	126,285,100
1978	68,800	50.5	3,471,700	4,771,200	29.9	142,578,300
1979	79,100	48.9	3,867,000	5,045,900	22.3	112,608,000

YIELD PER ACRE

All Wheat, Barley and oats, 1930-1979



OATS

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield	Total	Price	Value of	Value
			Per Acre		Per Bu.	Production	Per Acre
			Bushels			Dollars	
1970	781,000	545,000	42.0	22,890,000	.53	12,132,000	22.26
1971	420,000	236,000	40.0	9,440,000	.58	5,475,000	23.20
1972	490,000	246,000	48.0	11,808,000	.71	8,384,000	34.08
1973	400,000	225,000	39.0	8,775,000	1.17	10,267,000	45.63
1974	300,000	175,000	38.0	6,650,000	1.61	10,707,000	61.18
1975	260,000	170,000	44.0	7,480,000	1.45	10,846,000	63.80
1976	260,000	157,000	48.0	7,536,000	1.44	10,852,000	69.12
1977	312,000	140,000	40.0	5,600,000	1.28	7,168,000	51.20
1978	400,000	208,000	51.0	10,608,000	1.23	13,048,000	62.73
1979	360,000	140,000	39.0	5,460,000	1.45	7,917,000	56.55

Year	IRRIGATED			NOT IRRIGATED		
	Harvested	Yield	Production	Harvested	Yield	Production
	for Grain	Per Acre		for Grain	Per Acre	
	Acres		Bushels	Acres		Bushels
1970	43,200	55.9	2,415,000	501,800	40.8	20,475,000
1971	31,600	57.9	1,831,000	204,400	37.2	7,609,000
1972	32,300	64.8	2,092,000	213,700	45.5	9,716,000
1973	30,000	58.5	1,755,000	195,000	36.0	7,020,000
1974	26,000	55.8	1,450,000	149,000	34.9	5,200,000
1975	32,000	60.0	1,920,000	138,000	40.3	5,560,000
1976	31,400	60.8	1,909,000	125,600	44.8	5,627,000
1977	27,700	61.6	1,705,000	112,300	34.7	3,895,000
1978	33,000	63.0	2,079,000	175,000	48.7	8,529,000
1979	34,000	59.1	2,008,200	106,000	32.6	3,451,800

BARLEY

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield	Total	Price	Value of	Value
			Per Acre		Per Bu.	Production	Per Acre
			Bushels			Dollars	
1970	1,800,000	1,714,000	38.0	65,132,000	.78	50,803,000	29.64
1971	1,740,000	1,680,000	35.0	58,800,000	.88	51,744,000	30.80
1972	1,820,000	1,707,000	37.5	64,013,000	1.22	78,096,000	45.75
1973	2,100,000	2,000,000	30.0	60,000,000	2.17	130,200,000	65.10
1974	1,370,000	1,250,000	30.0	37,500,000	2.61	97,875,000	78.30
1975	1,360,000	1,300,000	39.0	50,700,000	2.10	106,470,000	81.90
1976	1,220,000	1,170,000	44.5	52,065,000	2.03	105,692,000	90.34
1977	1,550,000	1,430,000	36.5	52,195,000	1.68	87,688,000	61.32
1978	1,500,000	1,375,000	43.0	59,125,000	1.70	100,513,000	73.10
1979	1,100,000	1,040,000	39.0	40,560,000	2.15	87,204,000	83.85

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1970	91,000	56.0	5,096,000	1,623,000	37.0	60,036,000
1971	99,200	55.0	5,456,000	1,580,800	33.7	53,344,000
1972	105,000	60.6	6,365,000	1,602,000	36.0	57,648,000
1973	126,000	54.4	6,858,500	1,874,000	28.4	53,141,500
1974	139,400	49.5	6,897,000	1,110,600	27.6	30,603,000
1975	191,000	56.3	10,745,500	1,109,000	36.0	39,954,500
1976	211,000	59.5	12,565,000	959,000	41.2	39,500,000
1977	240,000	59.0	14,160,000	1,190,000	32.0	38,035,000
1978	249,500	64.0	15,968,000	1,125,500	38.3	43,157,000
1979	235,000	63.0	14,805,000	805,000	32.0	25,755,000

NON IRRIGATED WHEAT AND BARLEY BY CROPPING PRACTICE

WINTER WHEAT

Year	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
	Bushels			Bushels		
1970	1,491,000	26.8	40,026,200	37,000	20.9	774,800
1971	1,711,300	29.9	51,189,400	92,600	25.6	2,373,200
1972	1,662,600	26.9	44,738,000	101,400	22.1	2,239,000
1973	1,997,200	26.4	52,663,200	61,800	23.2	1,431,800
1974	2,491,800	29.6	73,752,400	136,300	24.3	3,315,500
1975	2,758,200	35.3	97,274,900	219,600	29.6	6,506,200
1976	2,907,900	32.1	93,410,100	150,100	26.7	4,009,900
1977	2,691,000	29.0	78,131,400	90,000	22.9	2,061,600
1978	2,592,000	31.1	80,500,000	94,000	26.0	2,444,000
1979	2,168,900	25.5	55,224,700	64,900	20.9	1,358,800

HARD SPRING WHEAT

Year	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
	Bushels			Bushels		
1970	1,585,000	23.5	37,177,000	90,000	18.6	1,674,000
1971	2,100,900	23.0	48,364,200	184,100	18.8	3,466,500
1972	1,632,000	26.0	42,380,000	112,000	21.5	2,406,000
1973	1,680,500	20.7	34,814,200	75,200	18.1	1,357,500
1974	1,722,200	18.8	32,309,100	173,700	15.6	2,711,500
1975	1,332,400	25.6	34,152,400	211,500	19.7	4,176,200
1976	1,739,300	29.6	51,448,000	211,700	22.6	4,788,000
1977	1,786,000	21.6	38,639,500	177,000	15.5	2,748,500
1978	1,658,000	28.9	47,929,100	138,000	22.0	3,034,000
1979	2,371,000	20.0	47,406,200	116,700	15.6	1,820,300

DURUM WHEAT

Year	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
	Bushels			Bushels		
1970	119,000	25.4	3,024,700	3,000	19.0	57,100
1971	154,400	23.1	3,562,100	4,600	16.7	76,600
1972	129,900	31.5	4,094,000	3,100	28.7	89,000
1973	176,600	22.0	3,892,700	4,500	17.7	79,700
1974	248,900	19.3	4,794,500	17,400	14.5	251,500
1975	337,000	27.3	9,186,400	34,000	22.3	757,400
1976	248,900	29.5	7,339,100	42,800	25.3	1,081,500
1977	198,900	22.2	4,411,800	17,500	16.7	292,300
1978	272,200	30.2	8,212,200	17,000	27.0	459,000
1979	301,300	21.1	6,358,700	23,100	19.0	439,300

BARLEY

	SUMMERFALLOW			CONTINUOUSLY CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Bushels			Bushels		
1970	1,491,000	37.2	55,425,000	132,000	34.9	4,611,000
1971	1,300,800	34.8	45,292,500	280,000	28.8	8,051,500
1972	1,342,000	37.1	49,833,800	260,000	30.1	7,814,200
1973	1,648,100	28.8	47,405,000	225,900	25.4	5,736,500
1974	894,600	28.2	25,211,700	216,000	25.0	5,391,300
1975	807,500	38.5	31,089,500	301,500	29.4	8,865,000
1976	665,000	44.5	29,571,500	294,000	33.8	9,928,500
1977	903,800	32.9	29,755,000	286,200	28.9	8,280,000
1978	850,000	39.7	33,769,700	275,500	34.1	9,387,300
1979	639,000	32.5	20,775,000	166,000	30.0	4,980,000

CORN**Acreage, Production, Price, Total Value, Value Per Acre, and Utilization**

Year	TOTAL ACRES		FOR GRAIN					FOR SILAGE			GRAZING AND FORAGE
	Planted	Harvested	Acres Har- vested	Production		Value		Production			
				Yield Per Acre	Total	Price Per Bu.	Value of Pro- duction	Acres Har- vested	Yield Per Acre	Total	
Bushels	Dollars	Tons	Acres								
1970..	62,000	61,000	4,000	72.0	288,000	1.40	403,000	48,000	15.5	744,000	9,000
1971..	75,000	73,000	7,000	76.0	532,000	1.30	692,000	47,000	15.0	705,000	19,000
1972..	80,000	79,000	6,000	78.0	468,000	1.48	693,000	68,000	16.5	1,122,000	5,000
1973..	92,000	90,000	11,000	73.0	803,000	2.61	2,096,000	73,000	17.0	1,241,000	6,000
1974..	95,000	92,000	13,000	65.0	845,000	3.43	2,898,000	73,000	16.0	1,168,000	6,000
1975..	86,000	84,000	10,000	73.0	730,000	2.78	2,029,000	68,000	17.0	1,156,000	6,000
1976..	86,000	84,000	11,000	75.0	825,000	2.45	2,021,000	68,000	16.0	1,088,000	5,000
1977..	90,000	86,000	11,000	68.0	748,000	2.27	1,698,000	70,000	17.0	1,190,000	5,000
1978..	88,000	85,000	5,000	72.0	360,000	2.23	803,000	76,000	21.0	1,596,000	4,000
1979..	85,000	83,000	5,000	77.0	385,000	2.40	924,000	73,000	16.0	1,168,000	4,000

POTATOES**Acreage, Production, Price, Total Value and Value Per Acre
Principally Irrigated**

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt.	Price Per Cwt.	Value of Production	Value Per Acre
				Cwt.		Dollars	
1970	7,800	7,500	205	1,538,000	2.83	4,353,000	580.40
1971	8,000	7,800	180	1,404,000	3.15	4,423,000	567.05
1972	7,700	7,500	220	1,650,000	5.05	8,333,000	1,111.07
1973	7,000	6,800	215	1,462,000	10.80	15,790,000	2,322.06
1974	7,200	7,000	250	1,750,000	4.95	8,663,000	1,237.57
1975	7,700	7,600	230	1,748,000	6.60	11,537,000	1,518.03
1976	8,500	8,400	215	1,806,000	4.50	8,127,000	967.50
1977	8,500	8,400	240	2,016,000	4.75	9,576,000	1,140.00
1978	8,800	8,700	240	2,088,000	4.00	8,352,000	960.00
1979	7,500	7,500	240	1,800,000	4.40	7,920,000	1,056.00

DRY BEANS**Acreage, Production, Price, Total Value and Value Per Acre
Principally Irrigated**

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt.	Price Per Cwt.	Value of Production	Value Per Acre
				100-Lb. Bags (Cleaned)		Dollars	
1970	11,000	11,000	17.00	187,000	7.20	1,346,000	122.36
1971	11,000	11,000	16.00	176,000	8.70	1,531,000	139.18
1972	11,000	11,000	17.00	187,000	8.40	1,571,000	142.82
1973	9,000	9,000	18.00	162,000	20.00	3,240,000	360.00
1974	11,000	11,000	14.00	126,000	25.80	3,251,000	295.55
1975	12,000	11,000	16.00	176,000	13.30	2,341,000	212.82
1976	9,000	9,000	17.00	153,000	11.70	1,790,000	198.89
1977	6,700	6,500	16.00	104,000	18.80	1,955,000	300.77
1978	8,400	8,400	15.00	126,000	16.50	2,079,000	247.50
1979	10,000	9,700	18.00	175,000	25.00	4,375,000	451.03

ALFALFA SEED

Acreeage, Production, Price, Total Value and Value Per Acre

	ACRES	PRODUCTION		VALUE		
Year	Harvested	Yield	Total	Price	Value of	Value
		Per Acre		Per Cwt.	Production	Per Acre
		Pounds (Cleaned)			Dollars	
1970	50,000	110	5,500,000	27.30	1,502,000	30.04
1971	25,000	95	2,375,000	25.60	608,000	24.32
1972	12,000	80	960,000	41.70	400,000	33.33
1973	30,000	105	3,150,000	94.00	2,961,000	98.70
1974	30,000	90	2,700,000	61.00	1,647,000	54.90
1975	12,000	85	1,020,000	53.00	541,000	45.08
1976	24,000	100	2,400,000	93.50	2,244,000	93.50
1977	39,000	90	3,510,000	105.00	3,686,000	94.51
1978	26,000	85	2,210,000	100.00	2,210,000	85.00
1979	42,000	140	5,880,000	80.00	4,704,000	112.00

Year	IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production
		Per Acre			Per Acre	
			Pounds (Cleaned)			Pounds (Cleaned)
1970	13,000	131	1,699,000	37,000	103	3,801,000
1971	6,000	116	693,000	19,000	89	1,682,000
1972	2,000	98	196,400	10,000	76	763,600
1973	11,000	117	1,288,000	19,000	98	1,862,000
1974	8,000	109	872,000	22,000	83	1,828,000
1975	3,000	124	372,000	9,000	72	648,000
1976	6,500	114	740,000	17,500	95	1,660,000
1977	9,900	114	1,127,000	29,100	82	2,383,000
1978	6,500	133	863,000	19,500	69	1,347,000
1979	11,000	225	2,614,000	30,400	107	3,266,000

SWEET CHERRIES

Production, Price and Value

Year	PRODUCTION		VALUE	
	Production	Production Having Value	Average Price Per Ton	Value of Production
		Tons	Dollars	Thousand Dollars
1970	1,400	1,270	313.00	398
1971	2,840	2,840	415.00	1,179
1972	1,200	1,200	478.00	574
1973	2,510	2,510	670.00	1,682
1974	1,650	1,650	532.00	878
1975	2,400	2,400	599.00	1,438
1976	2,650	2,650	415.00	1,100
1977	2,600	2,550	518.00	1,321
1978	1,850	1,850	701.00	1,297
1979	2,950	2,950	682.00	2,012

SUGARBEETS

Acreeage, Production, Price, Total Value and Value Per Acre

All Irrigated

Year	ACRES		PRODUCTION		VALUE			
	Planted	Harvested	Yield Per Acre	Total	Price Per Ton ¹	Value of Pro- duction ¹	Value Per Acre ¹	Gov. Payments Per Ton
				Tons		Dollars		
1970	58,000	56,900	16.2	922,000	15.20	14,014,000	246.29	2.17
1971	50,300	46,700	19.6	916,000	15.00	13,740,000	294.22	2.20
1972	45,800	45,200	18.6	842,000	17.60	14,819,000	327.85	2.21
1973	45,900	44,600	19.8	883,000	35.50	31,347,000	702.85	2.16
1974	44,700	43,900	18.7	820,000	52.50	43,050,000	980.64	2.24
1975	48,700	48,500	17.1	829,000	30.20	25,036,000	516.21	³
1976	46,400	46,100	21.0	968,000	22.40	21,683,000	470.35	³
1977	46,400	45,000	19.9	896,000	29.10	26,074,000	579.42	³
1978	45,400	44,700	19.8	885,000	29.90	26,462,000	591.99	³
1979	44,100	43,400	19.1	829,000	32.30 ²	21,777,000	501.77	³

¹Excludes Government payments.

²Preliminary.

³No Program.

ALL HAY

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE	
	Harvested	Yield Per Acre	Total	Price Per Ton Baled	Value of Production	Value Per Acre
			Tons			Dollars
1970	2,447,000	1.67	4,081,000	22.50	91,823,000	37.52
1971	2,335,000	1.64	3,872,000	27.50	106,480,000	42.21
1972	2,420,000	1.75	4,227,000	32.00	135,264,000	55.89
1973	2,380,000	1.69	4,012,000	57.00	228,684,000	96.09
1974	2,320,000	1.74	4,047,000	45.50	184,139,000	79.37
1975	2,330,000	1.82	4,248,000	42.00	178,416,000	76.57
1976	2,210,000	1.80	3,978,000	47.50	188,955,000	85.50
1977	2,240,000	1.74	3,907,000	56.00	218,792,000	97.68
1978	2,420,000	1.89	4,576,000	44.00	201,344,000	83.20
1979	2,380,000	1.80	4,291,000	54.50	233,860,000	98.26

	IRRIGATED			NOT IRRIGATED		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
			Tons			Tons
1970	1,171,400	2.14	2,506,800	1,275,600	1.23	1,574,200
1971	1,145,000	2.19	2,510,000	1,210,000	1.13	1,362,000
1972	1,187,000	2.26	2,683,000	1,233,000	1.25	1,544,000
1973	1,329,000	2.13	2,835,000	1,051,000	1.12	1,177,000
1974	1,270,200	2.23	2,833,000	1,049,800	1.16	1,214,000
1975	1,240,800	2.21	2,742,000	1,089,200	1.38	1,506,000
1976	1,193,000	2.19	2,612,700	1,017,000	1.34	1,365,300
1977	1,114,200	2.27	2,527,400	1,125,800	1.23	1,379,600
1978	1,175,700	2.35	2,760,300	1,244,300	1.46	1,815,700
1979	1,188,100	2.41	2,862,300	1,191,900	1.20	1,428,700

ALFALFA HAY

Acreage and Production

	TOTAL			IRRIGATED			NOT IRRIGATED		
	Acres Har- vested	Yield Per Acre	Pro- duction	Acres Har- vested	Yield Per Acre	Pro- duction	Acres Har- vested	Yield Per Acre	Pro- duction
			Tons			Tons			Tons
1970	1,162,000	2.15	2,498,000	628,900	2.72	1,713,400	533,100	1.47	784,600
1971	1,160,000	2.05	2,378,000	630,000	2.72	1,713,000	530,000	1.25	665,000
1972	1,200,000	2.15	2,580,000	679,400	2.72	1,847,200	520,600	1.41	732,800
1973	1,220,000	2.10	2,562,000	760,000	2.61	1,984,000	460,000	1.26	578,000
1974	1,220,000	2.10	2,562,000	693,000	2.75	1,905,700	527,000	1.25	656,300
1975	1,230,000	2.30	2,829,000	683,700	2.77	1,893,600	546,300	1.71	935,400
1976	1,170,000	2.20	2,574,000	652,800	2.77	1,807,200	517,200	1.48	766,800
1977	1,170,000	2.15	2,516,000	616,500	2.75	1,697,100	553,500	1.48	818,900
1978	1,250,000	2.35	2,938,000	636,800	2.92	1,856,400	613,200	1.76	1,081,600
1979	1,260,000	2.25	2,835,000	640,300	3.13	2,003,700	619,700	1.34	831,300

OTHER HAY

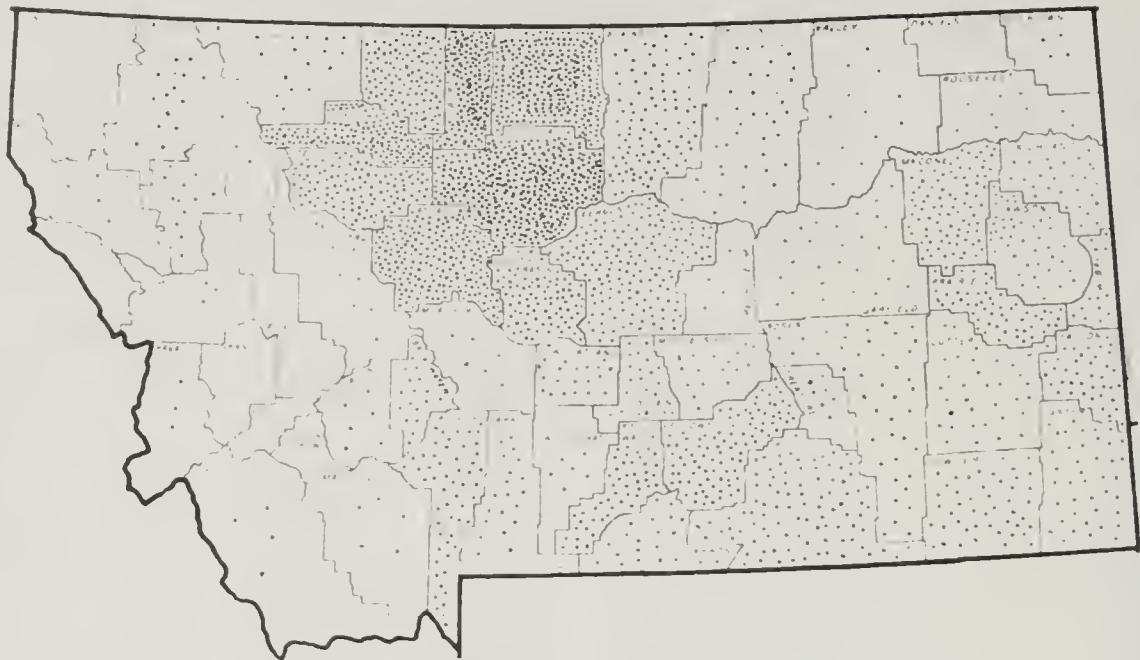
Acreage and Production

	WILD HAY			ALL OTHER HAY ¹		
	Acres Har- vested	Yield Per Acre	Pro- duction	Acres Har- vested	Yield Per Acre	Pro- duction
			Tons			Tons
1970	520,000	1.10	572,000	765,000	1.32	1,011,000
1971	634,000	1.10	697,000	561,000	1.42	797,000
1972	590,000	1.20	708,000	630,000	1.49	939,000
1973	540,000	1.10	594,000	620,000	1.38	856,000
1974	510,000	1.26	643,000	590,000	1.43	842,000
1975	510,000	1.20	612,000	590,000	1.37	807,000
1976	540,000	1.21	654,000	500,000	1.50	750,000
1977	500,000	1.20	600,000	570,000	1.38	791,000
1978	595,000	1.30	775,000	575,000	1.50	863,000
1979	560,000	1.20	672,000	560,000	1.40	784,000

¹Includes clover-timothy, grain and other hay.

WINTER WHEAT

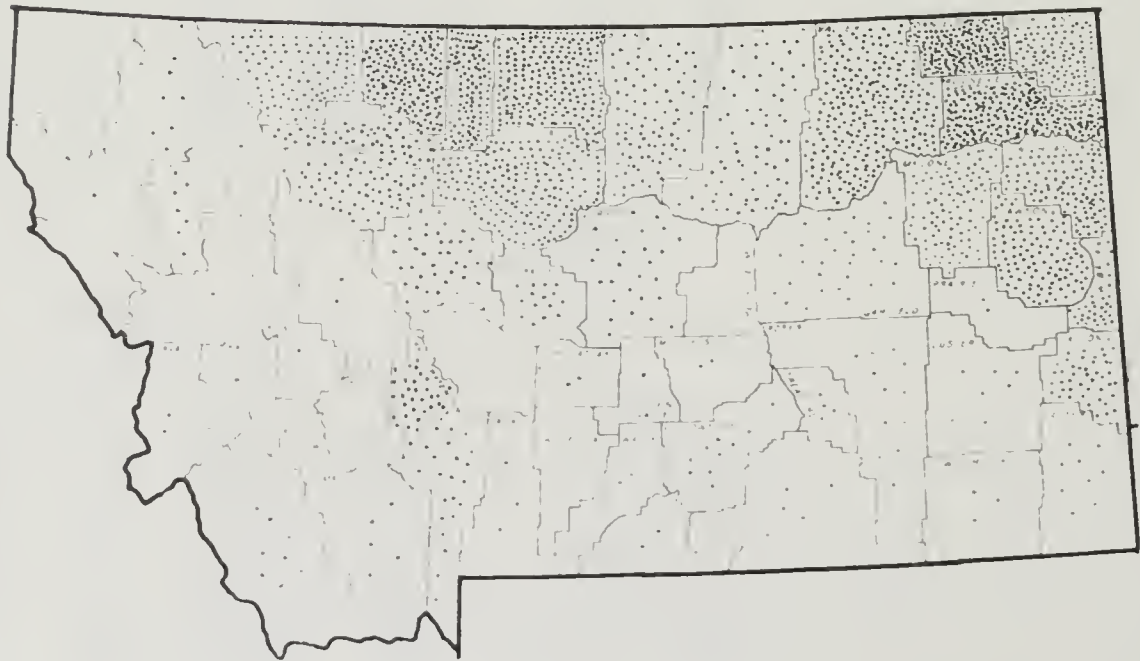
1979 Production



1 dot = 20,000 Bushels

SPRING WHEAT EXCLUDING DURUM

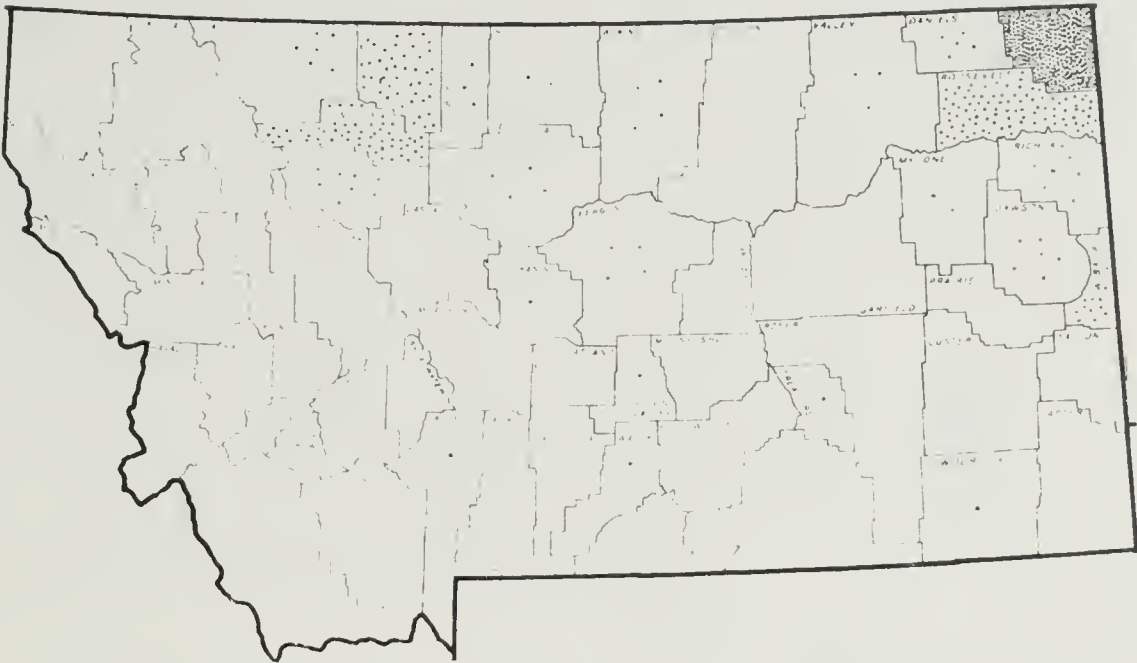
1979 Production



1 dot = 20,000 Bushels

DURUM WHEAT

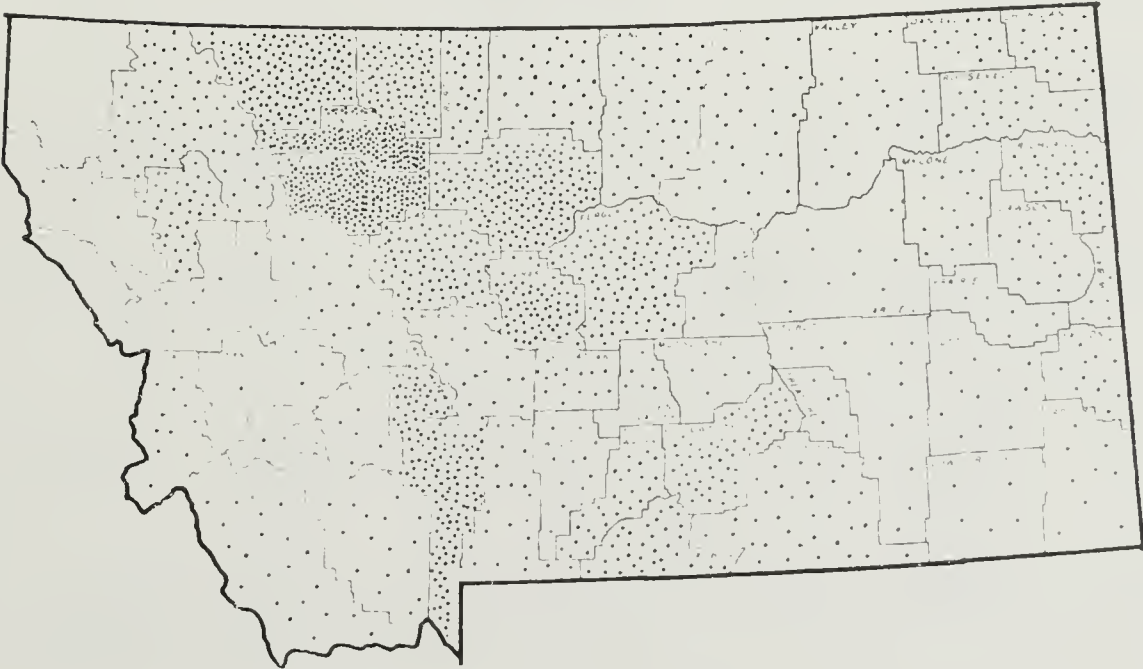
1979 Production



1 dot = 10,000 Bushels

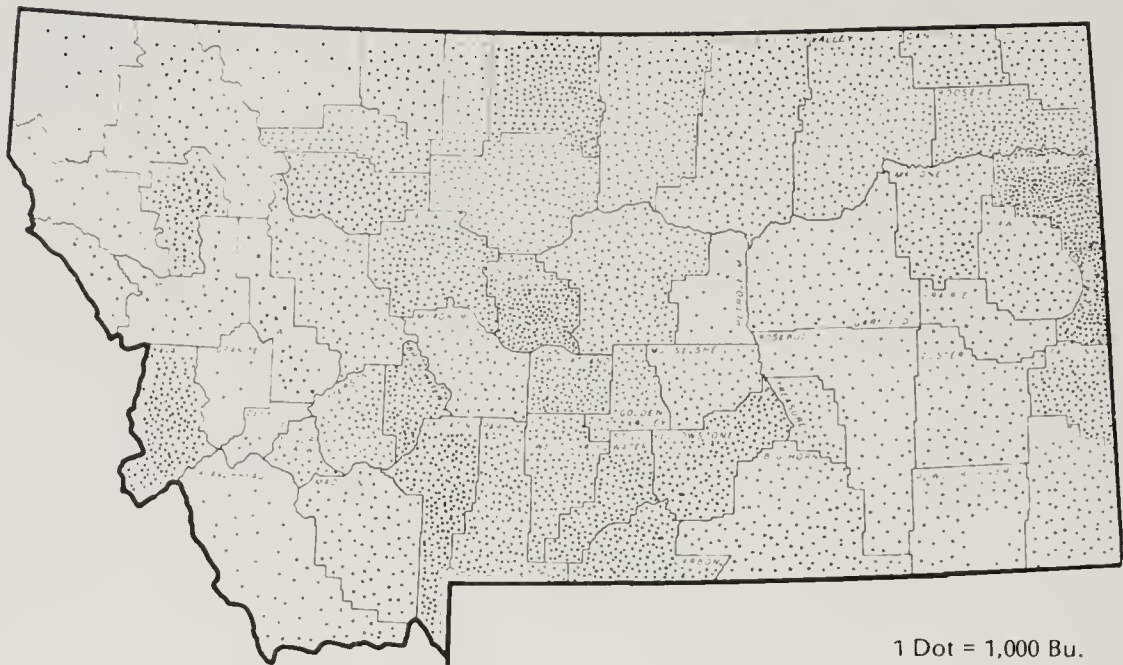
BARLEY

1979 Production

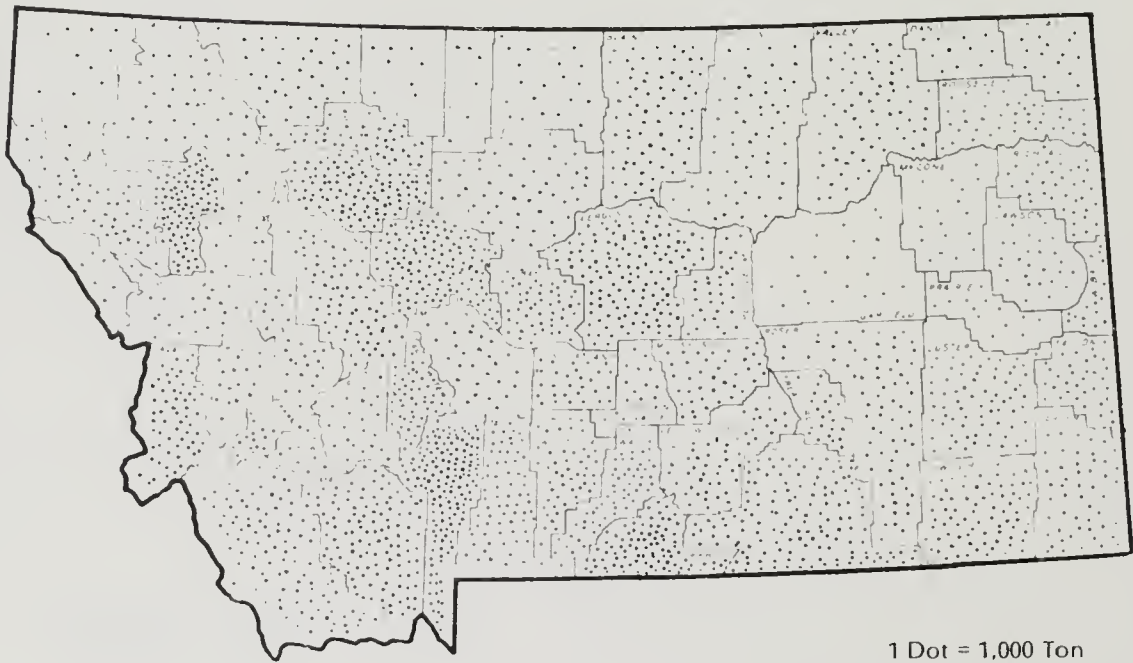


1 dot = 20,000 bushels

OATS
1979 Production



ALFALFA HAY
1979 Production



PRICES RECEIVED BY MONTANA FARMERS

Selected Commodities, by Months, 1976-1980

Crop And Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Avg.
ALL WHEAT Dollar Per Bushel													
1976	3.37	3.51	3.42	3.40	3.33	3.35	3.35	2.83	2.67	2.41	2.31	2.26	3.02
1977	2.42	2.40	2.43	2.45	2.32	2.13	2.07	2.05	2.15	2.24	2.34	2.41	2.28
1978	2.41	2.48	2.53	2.68	2.70	2.72	2.72	2.67	2.69	2.81	2.88	2.77	2.67
1979	2.76	2.78	2.82	2.82	2.84	3.11	3.32	3.43	3.67	3.80	3.74	3.70	3.23
1980	3.63	3.71	3.64	3.66	3.66	3.80	4.02						
WINTER WHEAT													
1976	3.15	3.29	3.19	3.17	3.08	3.14	3.09	2.64	2.60	2.34	2.23	2.23	2.85
1977	2.31	2.35	2.37	2.39	2.27	2.04	2.01	1.99	2.04	2.17	2.27	2.33	2.21
1978	2.33	2.39	2.47	2.61	2.67	2.66	2.70	2.66	2.70	2.81	2.86	2.76	2.64
1979	2.76	2.73	2.80	2.81	2.81	3.09	3.34	3.41	3.62	3.66	3.73	3.74	3.21
1980	3.64	3.72	3.41	3.47	3.54	3.54	3.48						
SPRING WHEAT EXCLUDING DURUM													
1976	3.76	3.93	3.83	3.83	3.82	3.79	3.87	3.22	2.82	2.55	2.45	2.34	3.35
1977	2.61	2.53	2.56	2.53	2.42	2.26	2.21	2.19	2.27	2.35	2.43	2.53	2.41
1978	2.57	2.57	2.64	2.80	2.77	2.76	2.75	2.70	2.68	2.79	2.89	2.80	2.73
1979	2.74	2.85	2.82	2.79	2.86	3.14	3.27	3.43	3.64	3.74	3.64	3.61	3.21
1980	3.58	3.67	3.66	3.72	3.71	3.77	4.24						
BARLEY													
1976	1.97	2.05	2.06	2.00	2.06	2.17	2.18	2.05	2.12	1.98	1.88	1.87	2.03
1977	2.08	2.00	2.12	2.07	2.05	1.85	1.81	1.50	1.44	1.43	1.53	1.65	1.79
1978	1.71	1.72	1.87	1.96	1.88	1.85	1.88	1.67	1.65	1.75	1.75	1.70	1.78
1979	1.69	1.63	1.68	1.70	1.76	1.76	1.88	1.98	2.17	2.27	2.01	2.32	1.90
1980	2.16	2.07	2.03	2.12	2.11	2.14	2.34						
ALL HAY Dollars Per Ton													
1976	42.50	42.00	42.50	41.00	39.50	42.00	44.50	46.00	45.50	45.50	45.50	47.00	43.63
1977	48.00	49.50	50.50	51.00	50.00	52.50	55.50	58.00	55.00	54.00	54.00	53.50	52.63
1978	56.00	58.50	61.00	59.00	54.50	48.00	44.50	42.50	41.50	39.00	39.00	42.50	48.83
1979	46.00	47.50	47.50	46.50	45.50	49.50	50.50	55.50	55.50	56.50	56.50	58.50	51.29
1980	52.50	52.50	51.50	54.00	57.00	60.00	64.50						
BEEF CATTLE Dollars Per Hundredweight													
1976	29.10	32.80	34.00	37.60	37.30	33.10	31.40	32.30	33.00	31.70	29.20	27.60	32.43
1977	29.40	31.40	33.10	34.80	34.50	31.20	31.30	34.10	36.20	35.90	32.60	30.90	32.95
1978	34.60	39.70	43.50	48.00	50.00	47.50	46.80	51.40	57.70	57.30	53.20	54.30	48.67
1979	61.20	63.90	71.70	76.00	74.00	62.90	61.40	60.30	74.10	70.10	62.90	60.60	66.59
1980	60.10	65.00	63.10	54.50	52.80	56.50	56.30						
STEERS & HEIFERS													
1976	34.00	36.70	36.30	39.70	40.10	38.00	36.30	34.60	34.00	33.30	33.30	34.00	35.86
1977	34.00	34.90	35.10	36.50	37.50	37.00	37.80	37.10	37.50	38.00	37.50	37.50	36.70
1978	39.80	43.90	46.50	50.70	53.40	55.50	54.90	55.50	59.80	60.20	60.00	65.30	53.79
1979	69.50	69.60	76.30	80.40	79.60	72.80	72.90	64.80	77.00	74.00	72.00	73.00	73.49
1980	70.00	76.50	71.20	63.10	61.80	65.60	67.40						
COWS													
1976	21.50	24.40	26.30	28.80	29.70	28.30	27.30	25.40	24.50	22.50	21.00	20.60	25.03
1977	22.10	23.60	25.70	26.90	25.80	25.50	25.80	25.30	25.30	24.00	23.00	23.50	24.71
1978	26.30	30.30	33.20	35.90	40.10	39.50	40.00	39.00	39.90	41.00	39.80	42.50	37.29
1979	48.20	51.80	56.30	57.60	58.40	53.40	51.70	46.60	50.00	48.00	45.00	47.00	51.17
1980	48.00	50.30	51.80	42.90	41.50	45.00	45.70						
CALVES													
1976	36.50	39.10	38.80	43.00	42.30	42.40	39.00	36.30	35.70	35.00	36.40	37.50	38.50
1977	37.00	38.00	38.90	40.60	40.50	40.00	40.50	41.00	43.00	43.00	41.00	41.00	40.38
1978	44.40	49.70	54.00	56.50	63.00	63.00	61.00	64.50	70.10	72.00	73.00	79.10	62.53
1979	86.70	91.10	94.20	97.80	96.50	90.90	87.90	77.00	92.00	92.00	88.00	87.00	90.09
1980	85.00	90.00	82.80	72.60	70.00	73.80	76.00						
LAMBS													
1976	45.90	47.80	48.60	50.60	53.20	51.00	46.80	42.00	42.40	43.20	42.10	44.50	46.51
1977	47.90	50.70	49.40	49.20	50.30	48.10	50.50	49.00	51.00	53.00	53.60	57.50	50.85
1978	62.00	64.20	68.50	65.00	65.50	65.00	63.20	63.50	68.70	67.70	69.60	74.00	66.41
1979	82.00	82.00	70.00	72.00	71.00	65.00	65.00	65.00	68.00	67.10	64.10	69.50	70.06
1980	66.20	61.30	65.80	57.30	55.60	56.80	63.70						
HOGS													
1976	45.70	46.80	45.30	45.30	46.00	47.10	47.65	41.20	39.50	32.20	29.80	33.50	41.67
1977	36.00	38.20	36.10	34.80	37.30	39.90	43.00	39.30	38.90	37.20	36.90	37.80	37.95
1978	41.40	44.90	44.30	44.40	46.70	45.20	46.40	46.10	47.20	48.60	46.90	48.80	45.91
1979	50.70	50.00	49.10	43.70	42.40	39.00	38.50	35.00	35.60	34.10	31.90	34.40	40.37
1980	35.00	35.90	34.00	27.30	26.60	31.90	40.80						

ALL WHEAT — 1978

Acreage, Yield, Production and Value by Counties

COUNTY & DISTRICT	ACRES				YIELD PER ACRE	PRO- DUCTION	VALUE
	Gross Seeded	Re- Seeded ¹	Net Seeded	Harvested for Grain			
						Bushels	Dollars
Deer Lodge.....	300	--	300	300	34.7	10,400	29,000
Flathead.....	10,000	--	10,000	8,900	43.8	389,700	1,129,700
Granite.....	400	--	400	400	27.0	10,800	30,100
Lake.....	9,600	200	9,400	8,700	43.7	380,500	1,093,300
Lincoln.....	100	--	100	100	28.0	2,800	7,800
Mineral.....	200	--	200	200	37.0	7,400	21,300
Missoula.....	2,400	--	2,400	2,100	34.7	72,800	210,200
Powell.....	1,400	--	1,400	1,300	33.4	43,400	124,600
Ravalli.....	3,700	--	3,700	3,300	33.6	111,000	321,200
Sanders.....	4,100	--	4,100	3,700	30.2	111,800	327,900
N. WEST.....	32,200	200	32,000	29,000	39.3	1,140,600	3,295,100
Blaine.....	157,500	300	157,200	151,500	31.3	4,736,000	13,467,400
Chouteau.....	466,800	500	466,300	452,800	33.7	15,243,100	42,535,400
Glacier.....	99,800	--	99,800	94,500	30.8	2,908,600	8,376,200
Hill.....	505,100	800	504,300	490,300	30.2	14,816,300	41,661,600
Liberty.....	242,900	100	242,800	235,300	28.7	6,756,800	19,103,800
Phillips.....	129,900	--	129,900	120,100	30.2	3,622,900	10,442,900
Pondera.....	155,400	100	155,300	148,200	34.0	5,035,400	14,248,900
Teton.....	150,500	200	150,300	143,000	30.4	4,346,900	12,197,400
Toole.....	239,500	--	239,500	231,900	29.6	6,859,300	19,702,000
N. CENTRAL.....	2,147,400	2,000	2,145,400	2,067,600	31.1	64,325,300	181,735,600
Daniels.....	224,800	--	224,800	219,700	27.5	6,041,700	16,207,300
Dawson.....	165,000	17,000	148,000	142,500	28.0	3,996,500	10,434,700
Garfield.....	72,500	5,800	66,700	65,100	30.9	2,012,600	5,220,600
McCone.....	195,300	3,000	192,300	181,500	31.3	5,676,900	14,740,400
Richland.....	158,600	12,800	145,800	144,500	32.3	4,670,300	12,345,900
Roosevelt.....	311,300	3,900	307,400	304,000	27.4	8,321,000	22,421,900
Sheridan.....	304,800	1,600	303,200	296,200	29.9	8,864,200	24,528,500
Valley.....	314,100	6,900	307,200	301,500	28.2	8,499,700	22,708,100
N. EAST.....	1,746,400	51,000	1,695,400	1,655,000	29.1	48,082,900	128,607,400
Broadwater.....	27,100	--	27,100	26,200	37.6	984,500	2,827,500
Cascade.....	144,600	200	144,400	132,400	30.4	4,023,800	11,302,100
Fergus.....	154,500	500	154,000	142,000	29.9	4,239,400	11,882,300
Golden Valley.....	21,700	--	21,700	20,800	21.9	456,000	1,272,500
Judith Basin.....	74,400	--	74,400	67,800	30.8	2,087,200	5,850,100
Lewis & Clark.....	8,300	--	8,300	7,000	27.9	195,600	548,100
Meagher.....	6,200	--	6,200	5,800	28.5	165,500	461,900
Musselshell.....	16,700	200	16,500	16,000	26.9	431,000	1,209,400
Petroleum.....	6,300	--	6,300	5,700	30.6	174,700	487,200
Wheatland.....	29,400	--	29,400	27,500	27.2	747,500	2,089,700
CENTRAL.....	489,200	900	488,300	451,200	29.9	13,505,200	37,930,800
Beaverhead.....	6,800	--	6,800	6,500	37.2	241,600	706,600
Gallatin.....	50,200	--	50,200	48,100	43.2	2,080,100	6,014,800
Jefferson.....	6,400	--	6,400	6,100	26.2	160,000	458,300
Madison.....	6,700	--	6,700	6,500	34.7	225,800	659,800
S. WEST.....	70,100	--	70,100	67,200	40.3	2,707,500	7,839,500
Big Horn.....	75,200	--	75,200	71,800	28.9	2,073,000	5,494,800
Carbon.....	19,500	--	19,500	19,300	32.0	618,000	1,642,300
Park.....	13,900	--	13,900	13,200	31.2	412,200	1,095,800
Stillwater.....	61,300	--	61,300	58,200	28.1	1,636,400	4,331,200
Sweet Grass.....	8,500	--	8,500	7,600	26.6	202,400	536,100
Treasure.....	5,600	--	5,600	5,400	33.4	180,600	483,000
Yellowstone.....	91,800	--	91,800	90,000	31.3	2,817,500	7,461,300
S. CENTRAL.....	275,800	--	275,800	265,500	29.9	7,940,100	21,044,500
Carter.....	42,100	1,300	40,800	36,800	24.4	897,000	2,287,200
Custer.....	46,500	300	46,200	43,300	24.6	1,065,900	2,705,900
Fallon.....	77,700	4,200	73,500	69,500	25.0	1,738,600	4,512,700
Powder River.....	33,300	300	33,000	30,400	27.3	830,900	2,121,000
Prairie.....	42,300	6,000	36,300	36,000	29.8	1,074,000	2,717,800
Rosebud.....	41,000	500	40,500	36,000	31.6	1,136,500	2,921,400
Wibaux.....	56,000	2,000	54,000	52,500	30.6	1,605,500	4,362,100
S. EAST.....	338,900	14,600	324,300	304,500	27.4	8,348,400	21,628,100
STATE.....	5,100,000	68,700	5,031,300	4,840,000	30.2	146,050,000	402,081,000

¹Winter Wheat reseeded to spring wheat

ALL WHEAT — 1979

Acreage, Yield, Production and Value by Counties

COUNTY & DISTRICT	ACRES				YIELD PER ACRE	PRO- DUCTION	VALUE
	Gross Seeded	Re- Seeded ¹	Net Seeded	Harvested for Grain			
					Bushels		Dollars
Deer Lodge.....	300	--	300	300	15.0	4,500	16,900
Flathead.....	11,800	600	11,200	10,900	47.6	518,400	1,971,100
Granite.....	700	--	700	700	19.0	13,300	50,000
Lake.....	11,700	400	11,300	10,100	34.3	346,100	1,314,200
Lincoln.....	100	--	100	100	50.0	5,000	18,800
Mineral.....	300	--	300	300	32.7	9,800	37,100
Missoula.....	2,100	--	2,100	2,100	27.2	57,100	216,800
Powell.....	1,000	--	1,000	1,000	27.8	27,800	105,000
Ravalli.....	4,100	--	4,100	3,700	27.3	101,000	383,100
Sanders.....	3,700	400	3,300	3,300	24.2	80,000	304,100
N. WEST.....	35,800	1,400	34,400	32,500	35.8	1,163,000	4,417,100
Blaine.....	266,000	89,300	176,700	174,500	22.8	3,972,100	14,836,200
Chouteau.....	600,700	105,700	495,000	467,500	25.8	12,056,500	44,794,300
Glacier.....	122,000	6,800	115,200	112,400	23.9	2,690,400	10,194,700
Hill.....	657,600	113,000	544,600	524,000	21.4	11,192,000	41,663,100
Liberty.....	277,800	35,600	242,200	237,000	24.4	5,772,500	21,506,400
Phillips.....	139,500	10,000	129,500	120,100	19.9	2,394,300	8,977,600
Pondera.....	184,600	15,200	169,400	163,500	29.8	4,871,300	18,451,800
Teton.....	162,600	22,800	139,800	136,500	26.6	3,625,800	13,527,900
Toole.....	301,500	35,000	266,500	253,000	24.7	6,244,800	23,679,500
N. CENTRAL.....	2,712,300	433,400	2,278,900	2,188,500	24.1	52,819,700	197,631,500
Daniels.....	231,900	--	231,900	228,300	16.0	3,652,300	12,528,200
Dawson.....	224,300	41,000	183,300	172,000	19.3	3,316,100	11,339,800
Garfield.....	81,600	5,400	76,200	72,100	16.5	1,186,300	4,030,900
McCone.....	226,900	21,700	205,200	199,500	20.1	4,014,500	13,650,200
Richland.....	169,300	20,800	148,500	137,200	21.0	2,875,400	9,845,000
Roosevelt.....	342,500	10,700	331,800	325,500	19.2	6,235,000	21,955,500
Sheridan.....	337,900	1,300	336,600	322,400	19.9	6,403,200	24,663,200
Valley.....	328,400	10,800	317,600	313,000	17.8	5,583,700	19,111,300
N. EAST.....	1,942,800	111,700	1,831,100	1,770,000	18.8	33,266,500	117,124,100
Broadwater.....	31,700	1,900	29,800	28,300	34.5	976,300	3,653,400
Cascade.....	154,300	2,500	151,800	149,600	28.6	4,271,800	15,706,800
Fergus.....	167,600	15,200	152,400	142,300	28.6	4,072,900	14,985,400
Golden Valley.....	23,500	4,000	19,500	18,000	20.7	373,200	1,372,500
Judith Basin.....	83,700	7,600	76,100	67,800	30.0	2,035,500	7,482,700
Lewis & Clark.....	7,500	300	7,200	7,000	25.6	179,000	659,000
Meagher.....	5,700	200	5,500	5,000	26.0	130,000	476,200
Musselshell.....	21,600	1,900	19,700	18,100	19.3	349,200	1,281,100
Petroleum.....	4,200	100	4,100	3,900	21.5	83,900	307,800
Wheatland.....	29,000	3,000	26,000	22,500	20.7	466,200	1,708,900
CENTRAL.....	528,800	36,700	492,100	462,500	28.0	12,938,000	47,633,800
Beaverhead.....	9,200	800	8,400	7,900	30.3	239,200	878,900
Gallatin.....	50,400	1,800	48,600	43,300	36.5	1,580,600	5,805,100
Jefferson.....	5,400	100	5,300	5,200	22.7	117,800	431,100
Madison.....	6,000	--	6,000	5,800	34.1	197,900	726,600
S. WEST.....	71,000	2,700	68,300	62,200	34.3	2,135,500	7,841,700
Big Horn.....	80,200	1,200	79,000	78,000	25.6	1,997,000	6,987,300
Carbon.....	18,700	900	17,800	17,500	26.4	461,800	1,609,700
Park.....	17,400	600	16,800	16,500	27.9	459,900	1,600,600
Stillwater.....	66,000	4,500	61,500	50,500	20.4	1,028,700	3,611,800
Sweet Grass.....	7,500	1,300	6,200	6,000	21.9	131,500	460,600
Treasure.....	7,300	100	7,200	6,800	32.4	220,300	759,200
Yellowstone.....	100,700	4,800	95,900	82,700	25.6	2,117,000	7,389,700
S. CENTRAL.....	297,800	13,400	284,400	258,000	24.9	6,416,200	22,418,900
Carter.....	56,600	5,300	51,300	45,200	22.2	1,004,600	3,363,000
Custer.....	40,400	2,400	38,000	36,500	23.0	838,300	2,804,500
Fallon.....	86,700	1,900	84,800	80,000	21.3	1,702,500	5,744,200
Powder River.....	43,200	400	42,800	40,300	24.3	979,600	3,270,700
Prairie.....	62,700	11,600	51,100	47,500	23.5	1,115,000	3,718,500
Rosebud.....	45,000	500	44,500	42,500	25.2	1,072,600	3,592,700
Wibaux.....	61,900	400	61,500	59,300	17.3	1,023,500	3,503,300
S. EAST.....	396,500	22,500	374,000	351,300	22.0	7,736,100	25,996,900
STATE.....	5,985,000	621,800	5,363,200	5,125,000	22.7	116,475,000	423,064,000

¹Winter Wheat reseeded to spring wheat.

WINTER WHEAT — 1978

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
				Bushels	Dollars		Bu.		Bu.
Flathead	7,500	6,500	44.0	286,000	840,900	500	56.0	6,000	43.0
Lake	5,900	5,100	42.6	217,300	638,900	800	62.0	4,300	39.0
Mineral	100	100	45.0	4,500	13,200	--	--	100	45.0
Missoula	1,700	1,400	34.0	47,600	140,000	--	--	1,400	34.0
Powell	900	800	30.0	24,000	70,600	--	--	800	30.0
Ravalli	2,900	2,500	31.0	77,600	228,200	100	56.0	2,400	30.0
Sanders	4,000	3,600	29.7	106,800	314,000	100	53.0	3,500	29.0
N. WEST	23,000	20,000	38.2	763,800	2,245,800	1,500	59.0	18,500	36.5
Blaine	103,000	98,000	31.0	3,038,000	8,445,600	--	--	98,000	31.0
Chouteau	434,500	421,800	34.0	14,339,600	39,864,000	--	--	421,800	34.0
Glacier	36,700	36,000	35.1	1,264,000	3,513,900	200	55.0	35,800	35.0
Hill	410,000	397,800	30.5	12,129,900	33,721,100	--	--	397,800	30.5
Liberty	175,000	170,000	29.0	4,929,000	13,702,600	--	--	170,000	29.0
Phillips	58,800	50,000	30.0	1,500,000	4,170,000	--	--	50,000	30.0
Pondera	115,800	110,000	34.7	3,819,300	10,617,700	1,800	48.0	108,200	34.5
Teton	127,400	121,000	30.7	3,718,500	10,337,400	1,300	52.0	119,700	30.5
Toole	113,400	110,000	31.0	3,410,000	9,479,800	--	--	110,000	31.0
N. CENTRAL ...	1,574,600	1,514,600	31.8	48,148,300	133,852,100	3,300	50.0	1,511,300	31.7
Daniels	600	500	25.0	12,500	31,600	--	--	500	25.0
Dawson	86,300	69,000	27.5	1,897,200	4,793,100	--	--	69,000	27.5
Garfield	42,400	36,000	31.5	1,134,000	2,864,800	--	--	36,000	31.5
McCone	110,500	98,000	32.0	3,135,500	7,921,500	--	--	98,000	32.0
Richland	52,000	39,000	30.5	1,189,500	3,005,200	--	--	39,000	30.5
Roosevelt	19,000	15,000	26.0	390,000	985,300	--	--	15,000	26.0
Sheridan	9,200	7,500	25.5	191,300	483,300	--	--	7,500	25.5
Valley	25,000	18,000	30.3	545,700	1,378,700	300	49.0	17,700	30.0
N. EAST	345,000	283,000	30.0	8,495,700	21,463,500	300	49.9	282,700	30.0
Broadwater	15,600	15,200	31.2	473,500	1,318,600	100	54.0	15,100	31.0
Cascade	120,400	109,600	31.5	3,453,800	9,618,100	100	45.0	109,500	31.5
Fergus	136,100	124,200	31.0	3,850,200	10,722,000	--	--	124,200	31.0
Golden Valley ..	20,800	20,000	22.0	440,000	1,225,300	--	--	20,000	22.0
Judith Basin	64,200	59,000	32.0	1,888,000	5,257,700	--	--	59,000	32.0
Lewis & Clark ..	7,100	6,000	29.3	175,600	489,000	100	45.0	5,900	29.0
Meagher	5,900	5,500	29.0	159,500	444,200	--	--	5,500	29.0
Musselshell	13,500	13,000	29.0	377,000	1,049,900	--	--	13,000	29.0
Petroleum	6,100	5,500	31.0	170,500	474,800	--	--	5,500	31.0
Wheatland	26,600	25,000	28.0	700,000	1,949,400	--	--	25,000	28.0
CENTRAL	416,300	383,000	30.5	11,688,100	32,549,000	300	48.0	382,700	30.5
Beaverhead	4,200	4,000	28.0	112,000	320,500	--	--	4,000	28.0
Gallatin	39,600	38,000	40.9	1,555,500	4,451,100	4,300	60.0	33,700	38.5
Jefferson	6,300	6,000	26.0	156,000	446,400	--	--	6,000	26.0
Madison	4,200	4,100	26.8	110,000	314,800	100	60.0	4,000	26.0
S. WEST	54,300	52,100	37.1	1,933,500	5,532,800	4,400	60.0	47,700	35.0
Big Horn	70,600	67,300	28.3	1,901,900	5,028,600	2,500	48.0	64,800	27.5
Carbon	16,900	16,700	30.9	515,200	1,362,200	300	50.0	16,400	30.5
Park	11,700	11,000	30.8	338,400	894,700	200	45.0	10,800	30.5
Stillwater	59,800	56,800	28.0	1,590,400	4,205,000	--	--	56,800	28.0
Sweet Grass	8,100	7,200	26.5	190,800	504,500	--	--	7,200	26.5
Treasure	4,200	4,000	31.0	124,000	327,900	--	--	4,000	31.0
Yellowstone	88,500	86,800	30.8	2,672,900	7,067,100	1,000	56.0	85,800	30.5
S. CENTRAL	259,800	249,800	29.4	7,333,600	19,390,000	4,000	50.0	245,800	29.0
Carter	37,200	32,000	24.0	768,000	1,938,000	--	--	32,000	24.0
Custer	42,500	39,500	24.1	950,300	2,398,100	100	47.0	39,400	24.0
Fallon	36,700	31,000	27.5	852,500	2,151,300	--	--	31,000	27.5
Powder River...	29,800	27,000	27.5	742,500	1,873,700	--	--	27,000	27.5
Prairie	40,200	34,000	30.0	1,020,000	2,574,000	--	--	34,000	30.0
Rosebud	29,400	25,000	30.1	751,700	1,896,900	100	47.0	24,900	30.0
Wibaux	11,200	9,000	28.0	252,000	635,800	--	--	9,000	28.0
S. EAST	227,000	197,500	27.0	5,337,000	13,467,800	200	47.0	197,300	27.0
STATE	2,900,000	2,700,000	31.0	83,700,000	228,501,000	14,000	54.0	2,686,000	30.9

WINTER WHEAT — 1979

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Flathead	8,200	7,400	48.4	358,400	1,369,700	400	68.0	7,000	47.3
Lake	7,400	5,900	35.8	211,100	806,700	700	68.0	5,200	31.4
Mineral	100	100	48.0	4,800	18,300	--	--	100	48.0
Missoula	1,100	1,100	31.0	34,100	130,300	--	--	1,100	31.0
Powell	300	300	26.0	7,800	29,800	--	--	300	26.0
Ravalli	2,800	2,500	22.0	55,000	210,200	--	--	2,500	22.0
Sanders	3,100	2,700	20.0	54,000	206,400	--	--	2,700	20.0
N. WEST	23,000	20,000	36.3	725,200	2,771,400	1,100	68.0	18,900	34.4
Blaine	182,200	92,500	22.5	2,083,700	7,655,100	400	40.0	92,100	22.5
Choteau	422,900	296,000	26.9	7,959,600	29,242,000	700	45.0	295,300	26.8
Glacier	22,500	15,000	23.0	345,000	1,267,500	--	--	15,000	23.0
Hill	418,600	293,000	22.5	6,582,000	24,180,900	--	--	293,000	22.5
Liberty	161,600	124,500	27.0	3,355,500	12,327,400	--	--	124,500	27.0
Phillips	50,000	35,000	23.9	837,500	3,076,800	--	--	35,000	23.9
Pondera	122,000	102,500	30.9	3,171,500	11,651,400	1,500	45.0	101,000	30.7
Teton	108,400	83,500	27.4	2,287,700	8,404,500	2,000	46.0	81,500	26.9
Toole	140,000	98,000	25.4	2,487,000	9,136,700	--	--	98,000	25.4
N. CENTRAL ...	1,628,200	1,140,000	25.5	29,109,500	106,942,300	4,600	45.0	1,135,400	25.5
Daniels	300	300	21.0	6,300	21,200	--	--	300	21.0
Dawson	85,500	44,000	19.9	876,400	2,951,500	--	--	44,000	19.9
Garfield	37,700	32,000	16.9	541,000	1,821,900	--	--	32,000	16.9
McCone	108,400	83,500	21.9	1,829,000	6,159,500	--	--	83,500	21.9
Richland	52,100	29,200	18.9	552,800	1,861,700	--	--	29,200	18.9
Roosevelt	22,000	11,000	16.2	177,900	599,100	--	--	11,000	16.2
Sheridan	5,400	4,000	18.2	72,800	245,200	--	--	4,000	18.2
Valley	27,100	16,000	16.1	257,400	866,900	100	40.0	15,900	15.9
N. EAST	338,500	220,000	19.6	4,313,600	14,527,000	100	40.0	219,900	19.6
Broadwater	16,200	13,300	25.0	332,500	1,215,000	--	--	13,300	25.0
Cascade	123,200	119,500	29.7	3,552,000	12,979,400	600	40.0	118,900	29.7
Fergus	145,200	120,500	28.9	3,483,500	12,729,100	--	--	120,500	28.9
Golden Valley ..	21,200	16,200	21.0	339,700	1,241,300	--	--	16,200	21.0
Judith Basin	69,400	55,500	31.1	1,728,700	6,316,900	300	43.0	55,200	31.1
Lewis & Clark ..	6,000	5,500	26.0	143,000	522,600	--	--	5,500	26.0
Meagher	5,000	4,500	27.0	121,500	444,000	--	--	4,500	27.0
Musselshell	18,600	15,100	20.6	310,800	1,135,700	--	--	15,100	20.6
Petroleum	3,700	3,400	22.2	75,400	275,600	--	--	3,400	22.2
Wheatland	26,000	19,500	21.9	427,000	1,560,400	--	--	19,500	21.9
CENTRAL	434,500	373,000	28.2	10,514,100	38,420,000	900	41.0	372,100	28.2
Beaverhead	5,200	4,400	20.3	89,200	326,400	--	--	4,400	20.3
Gallatin	35,500	28,800	39.2	1,129,000	4,131,400	5,000	55.0	23,800	35.9
Jefferson	5,200	5,000	23.0	115,000	420,800	--	--	5,000	23.0
Madison	3,900	3,800	24.9	94,800	346,900	400	50.0	3,400	22.0
S. WEST	49,800	42,000	34.0	1,428,000	5,225,500	5,400	54.6	36,600	31.0
Big Horn	74,700	72,500	26.1	1,890,000	6,638,600	1,300	40.0	71,200	25.8
Carbon	15,700	14,500	28.5	413,300	1,451,700	100	43.0	14,400	28.4
Park	14,900	14,000	28.7	401,500	1,410,300	--	--	14,000	28.7
Stillwater	62,500	47,000	20.9	983,700	3,455,200	300	35.0	46,700	20.8
Sweet Grass	7,000	5,500	23.0	126,500	444,300	--	--	5,500	23.0
Treasure	5,200	5,000	28.0	140,000	491,800	--	--	5,000	28.0
Yellowstone	94,500	76,500	25.1	1,920,000	6,744,000	1,100	50.0	75,400	24.7
S. CENTRAL	274,500	235,000	25.0	5,875,000	20,635,900	2,800	43.5	232,200	24.8
Carter	42,400	35,000	23.7	828,000	2,759,400	--	--	35,000	23.7
Custer	32,600	30,000	23.3	697,800	2,325,400	500	41.0	29,500	23.0
Fallon	37,500	33,000	24.1	794,300	2,647,100	500	39.0	32,500	23.8
Powder River ...	37,200	36,000	25.6	920,600	3,068,000	--	--	36,000	25.6
Prairie	59,100	45,000	24.0	1,080,000	3,599,200	--	--	45,000	24.0
Rosebud	31,000	30,000	28.0	838,600	2,794,700	300	40.0	29,700	27.8
Wibaux	11,700	11,000	22.8	250,300	834,100	--	--	11,000	22.8
S. EAST	251,500	220,000	24.6	5,409,600	18,027,900	1,300	40.0	218,700	24.5
STATE	3,000,000	2,250,000	25.5	57,375,000	206,550,000	16,200	48.9	2,233,800	25.3

DURUM WHEAT — 1978

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Blaine	2,600	2,500	29.0	72,500	218,800	--	--	2,500	29.0
Chouteau	1,100	1,000	27.0	27,000	81,500	--	--	1,000	27.0
Glacier	1,600	1,500	30.0	45,000	135,800	--	--	1,500	30.0
Hill	1,800	1,500	29.0	43,500	131,300	--	--	1,500	29.0
Liberty	300	300	26.0	7,800	23,500	--	--	300	26.0
Phillips	100	100	25.0	2,500	7,600	--	--	100	25.0
Pondera	19,600	19,200	31.1	597,700	1,804,000	500	36.0	18,700	31.0
Teton	2,100	2,000	25.0	50,000	150,900	--	--	2,000	25.0
Toole	16,500	15,900	30.0	477,000	1,439,700	--	--	15,900	30.0
N. CENTRAL ...	45,700	44,000	30.1	1,323,000	3,993,100	500	36.0	43,500	30.0
Daniels	3,200	3,000	27.9	83,700	236,400	--	--	3,000	27.9
Dawson	3,700	3,500	27.0	94,500	266,900	--	--	3,500	27.0
Garfield	100	100	26.0	2,600	7,300	--	--	100	26.0
McCone	1,600	1,500	26.0	39,000	110,200	--	--	1,500	26.0
Richland	2,600	2,500	25.4	63,500	179,300	100	35.0	2,400	25.0
Roosevelt	46,300	45,000	27.0	1,215,800	3,433,800	100	35.0	44,900	27.0
Sheridan	184,600	178,700	31.0	5,537,000	15,638,200	--	--	178,700	31.0
Valley	1,600	1,500	26.0	39,000	110,100	--	--	1,500	26.0
N. EAST	243,700	235,800	30.0	7,075,100	19,982,200	200	35.0	235,600	30.0
Cascade	200	200	24.0	4,800	15,000	--	--	200	24.0
Fergus	2,300	2,200	28.0	61,600	192,900	--	--	2,200	28.0
Judith Basin	800	800	29.0	23,200	72,700	--	--	800	29.0
CENTRAL	3,300	3,200	28.0	89,600	280,600	--	--	3,200	28.0
Gallatin	100	100	38.0	3,800	12,200	100	38.0	--	--
S. WEST	100	100	38.0	3,800	12,200	100	38.0	--	--
Stillwater	400	400	25.0	10,000	28,100	--	--	400	25.0
Treasure	400	400	25.0	10,000	28,100	--	--	400	25.0
Yellowstone	100	100	25.0	2,500	7,000	--	--	100	25.0
S. CENTRAL	900	900	25.0	22,500	63,200	--	--	900	25.0
Carter	300	300	25.0	7,500	25,700	--	--	300	25.0
Fallon	100	100	29.0	2,900	9,900	--	--	100	29.0
Powder River...	600	600	26.0	15,600	53,500	--	--	600	26.0
Wibaux	5,300	5,000	32.0	160,000	548,600	--	--	5,000	32.0
S. EAST	6,300	6,000	31.0	186,000	637,700	--	--	6,000	31.0
STATE	300,000	290,000	30.0	8,700,000	24,969,000	800	36.0	289,200	30.0

DURUM WHEAT — 1979**Acres, Yield, Production and Value by Counties — Irrigated and Not Irrigated**

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Blaine	2,100	2,000	19.0	38,000	168,900	--	--	2,000	19.0
Chouteau	1,600	1,500	27.4	41,100	182,600	100	40.0	1,400	26.5
Glacier	2,500	2,400	25.0	60,000	266,600	--	--	2,400	25.0
Hill	1,000	1,000	19.0	19,000	84,400	--	--	1,000	19.0
Liberty	1,700	1,500	20.0	30,000	133,300	--	--	1,500	20.0
Phillips	100	100	18.0	1,800	8,000	--	--	100	18.0
Pondera	21,400	21,000	26.1	548,800	2,438,600	200	40.0	20,800	26.0
Teton	3,200	3,000	26.8	80,400	357,300	100	50.0	2,900	26.0
Toole	18,200	17,500	26.4	462,400	2,054,700	--	--	17,500	26.4
N. CENTRAL	51,800	50,000	25.6	1,281,500	5,694,400	400	42.5	49,600	25.5
Daniels	3,100	3,000	17.0	51,000	208,400	--	--	3,000	17.0
Dawson	3,200	3,000	21.0	63,000	257,500	--	--	3,000	21.0
Garfield	100	100	21.0	2,100	8,600	--	--	100	21.0
McCone	1,100	1,000	21.0	21,000	85,800	--	--	1,000	21.0
Richland	3,100	3,000	18.8	56,400	230,500	--	--	3,000	18.8
Roosevelt	45,800	44,500	21.4	953,500	3,896,800	--	--	44,500	21.4
Sheridan	214,300	208,400	19.9	4,147,200	16,949,200	--	--	208,400	19.9
Valley	2,100	2,000	17.2	34,300	140,200	--	--	2,000	17.2
N. EAST	272,800	265,000	20.1	5,328,500	21,777,000	--	--	265,000	20.1
Cascade	100	100	20.0	2,000	8,700	--	--	100	20.0
Fergus	1,900	1,800	23.0	41,400	180,700	--	--	1,800	23.0
Golden Valley ..	300	300	25.0	7,500	32,700	--	--	300	25.0
Judith Basin	300	300	22.0	6,600	28,800	--	--	300	22.0
CENTRAL	2,600	2,500	23.0	57,500	250,900	--	--	2,500	23.0
Gallatin	200	200	50.0	10,000	47,200	200	50.0	--	--
S. WEST	200	200	50.0	10,000	47,200	200	50.0	--	--
Stillwater	500	500	22.0	11,000	45,800	--	--	500	22.0
Treasure	300	300	21.0	6,300	26,300	--	--	300	21.0
Yellowstone	200	200	21.0	4,200	17,500	--	--	200	21.0
S. CENTRAL	1,000	1,000	21.5	21,500	89,600	--	--	1,000	21.5
Carter	200	200	23.0	4,600	17,000	--	--	200	23.0
Powder River ...	300	300	18.0	5,400	19,900	--	--	300	18.0
Wibaux	6,100	5,800	20.0	116,000	428,000	--	--	5,800	20.0
S. EAST	6,600	6,300	20.0	126,000	464,900	--	--	6,300	20.0
STATE	335,000	325,000	21.0	6,825,000	28,324,000	600	45.0	324,400	21.0

SPRING WHEAT EXCLUDING DURUM — 1978
Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	300	300	34.7	10,400	29,000	100	50.0	200	27.0
Flathead	2,500	2,400	43.2	103,700	288,800	1,100	60.0	1,300	29.0
Granite	400	400	27.0	10,800	30,100	--	--	400	27.0
Lake	3,700	3,600	45.3	163,200	454,400	2,000	56.0	1,600	32.0
Lincoln	100	100	28.0	2,800	7,800	--	--	100	28.0
Mineral	100	100	29.0	2,900	8,100	--	--	100	29.0
Missoula	700	700	36.0	25,200	70,200	200	56.0	500	28.0
Powell	500	500	38.8	19,400	54,000	200	55.0	300	28.0
Ravalli	800	800	41.8	33,400	93,000	500	50.0	300	28.0
Sanders	100	100	50.0	5,000	13,900	100	50.0	--	--
N. WEST	9,200	9,000	41.9	376,800	1,049,300	4,200	56.0	4,800	29.5
Blaine	51,900	51,000	31.9	1,625,500	4,803,000	2,000	41.0	49,000	31.5
Chouteau	31,200	30,000	29.2	876,500	2,589,900	500	42.0	29,500	29.0
Glacier	61,500	57,000	28.1	1,599,600	4,726,500	300	40.0	56,700	28.0
Hill	93,300	91,000	29.0	2,642,900	7,809,200	300	42.0	90,700	29.0
Liberty	67,600	65,000	28.0	1,820,000	5,377,700	--	--	65,000	28.0
Phillips	71,000	70,000	30.3	2,120,400	6,265,300	1,200	47.0	68,800	30.0
Pondera	20,000	19,000	32.5	618,400	1,827,200	800	45.0	18,200	32.0
Teton	21,000	20,000	28.9	578,400	1,709,100	800	51.0	19,200	28.0
Toole	109,600	106,000	28.0	2,972,300	8,782,500	300	40.0	105,700	28.0
N. CENTRAL . . .	527,100	509,000	29.2	14,854,000	43,890,400	6,200	44.0	502,800	29.0
Daniels	221,000	216,200	27.5	5,945,500	15,939,300	--	--	216,200	27.5
Dawson	75,000	70,000	28.6	2,004,800	5,374,700	500	48.0	69,500	28.5
Garfield	30,000	29,000	30.2	876,000	2,348,500	1,000	36.0	28,000	30.0
McCone	83,200	82,000	30.5	2,502,400	6,708,700	300	35.0	81,700	30.5
Richland	104,000	103,000	33.2	3,417,300	9,161,400	4,500	48.0	98,500	32.5
Roosevelt	246,000	244,000	27.5	6,715,200	18,002,800	500	37.0	243,500	27.5
Sheridan	111,000	110,000	28.5	3,135,900	8,407,000	100	37.0	109,900	28.5
Valley	287,500	282,000	28.1	7,915,000	21,219,300	2,000	37.0	280,000	28.0
N. EAST	1,157,700	1,136,200	28.6	32,512,100	87,161,700	8,900	43.0	1,127,300	28.5
Broadwater	11,500	11,000	46.5	511,000	1,508,900	7,500	56.0	3,500	26.0
Cascade	24,000	22,600	25.0	565,200	1,669,000	4,000	46.0	18,600	20.5
Fergus	16,100	15,600	21.0	327,600	967,400	--	--	15,600	21.0
Golden Valley . .	900	800	20.0	16,000	47,200	--	--	800	20.0
Judith Basin . . .	9,400	8,000	22.0	176,000	519,700	--	--	8,000	22.0
Lewis & Clark . .	1,200	1,000	20.0	20,000	59,100	--	--	1,000	20.0
Meagher	300	300	20.0	6,000	17,700	--	--	300	20.0
Musselshell	3,200	3,000	18.0	54,000	159,500	--	--	3,000	18.0
Petroleum	200	200	21.0	4,200	12,400	--	--	200	21.0
Wheatland	2,800	2,500	19.0	47,500	140,300	--	--	2,500	19.0
CENTRAL	69,600	65,000	26.6	1,727,500	5,101,200	11,500	52.5	53,500	21.0
Beaverhead	2,600	2,500	51.8	129,600	386,100	1,800	58.0	700	36.0
Gallatin	10,500	10,000	52.1	520,800	1,551,500	6,400	60.0	3,600	38.0
Jefferson	100	100	40.0	4,000	11,900	--	--	100	40.0
Madison	2,500	2,400	48.3	115,800	345,000	1,800	51.0	600	40.0
S. WEST	15,700	15,000	51.3	770,200	2,294,500	10,000	58.0	5,000	38.0
Big Horn	4,600	4,500	38.0	171,100	466,200	1,500	58.0	3,000	28.0
Carbon	2,600	2,600	39.5	102,800	280,100	1,000	54.0	1,600	30.5
Park	2,200	2,200	33.5	73,800	201,100	200	49.0	2,000	32.0
Stillwater	1,100	1,000	36.0	36,000	98,100	300	50.0	700	30.0
Sweet Grass	400	400	29.0	11,600	31,600	--	--	400	29.0
Treasure	1,000	1,000	46.6	46,600	127,000	600	57.0	400	31.0
Yellowstone	3,200	3,100	45.8	142,100	387,200	2,000	54.0	1,100	31.0
S. CENTRAL	15,100	14,800	39.5	584,000	1,591,300	5,600	55.0	9,200	30.0
Carter	4,600	4,500	27.0	121,500	323,500	--	--	4,500	27.0
Custer	4,000	3,800	30.4	115,600	307,800	1,200	40.0	2,600	26.0
Fallon	40,900	38,400	23.0	883,200	2,351,500	--	--	38,400	23.0
Powder River . . .	2,900	2,800	26.0	72,800	193,800	--	--	2,800	26.0
Prairie	2,100	2,000	27.0	54,000	143,800	--	--	2,000	27.0
Rosebud	11,600	11,000	35.0	384,800	1,024,500	6,400	40.0	4,600	28.0
Wibaux	39,500	38,500	31.0	1,193,500	3,177,700	--	--	38,500	31.0
S. EAST	105,600	101,000	28.0	2,825,400	7,522,600	7,600	40.0	93,400	27.0
STATE	1,900,000	1,850,000	29.0	53,650,000	148,611,000	54,000	49.8	1,796,000	28.4

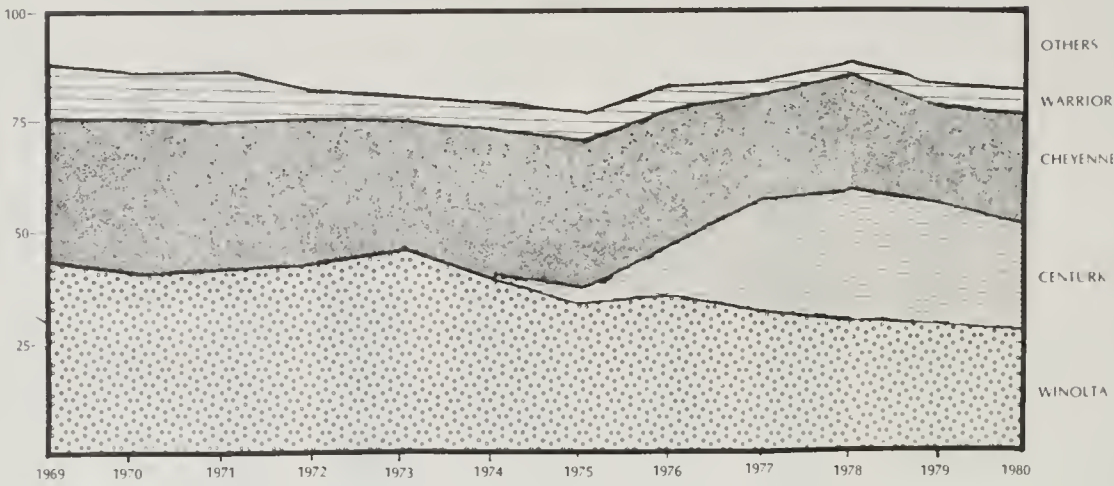
SPRING WHEAT EXCLUDING DURUM — 1979

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	ACRES Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	300	300	15.0	4,500	16,900	--	--	300	15.0
Flathead	3,600	3,500	45.7	160,000	601,400	1,300	60.0	2,200	37.3
Granite	700	700	19.0	13,300	50,000	--	--	700	19.0
Lake	4,300	4,200	32.1	135,000	507,500	1,700	50.0	2,500	20.0
Lincoln	100	100	50.0	5,000	18,800	100	50.0	--	--
Mineral	200	200	25.0	5,000	18,800	--	--	200	25.0
Missoula	1,000	1,000	23.0	23,000	86,500	100	50.0	900	20.0
Powell	700	700	28.6	20,000	75,200	200	50.0	500	20.0
Ravalli	1,300	1,200	38.3	46,000	172,900	700	50.0	500	22.0
Sanders	600	600	43.3	26,000	97,700	200	50.0	400	40.0
N. WEST	12,800	12,500	35.0	437,800	1,645,700	4,300	53.0	8,200	25.6
Blaine	81,700	80,000	23.1	1,850,400	7,012,200	2,200	35.0	77,800	22.8
Chouteau	176,200	170,000	23.9	4,055,800	15,369,700	900	50.0	169,100	23.7
Glacier	97,000	95,000	24.1	2,285,400	8,660,600	900	40.0	94,100	23.9
Hill	238,000	230,000	20.0	4,591,000	17,397,800	100	50.0	229,900	19.9
Liberty	114,500	111,000	21.5	2,387,000	9,045,700	2,000	53.0	109,000	20.9
Phillips	89,400	85,000	18.3	1,555,000	5,892,800	1,500	40.0	83,500	17.9
Pondera	41,200	40,000	28.8	1,151,000	4,361,800	5,500	38.0	34,500	27.3
Teton	51,000	50,000	25.2	1,257,700	4,766,100	4,000	50.0	46,000	23.0
Toole	143,300	137,500	24.0	3,295,400	12,488,100	100	50.0	137,400	23.9
N. CENTRAL . . .	1,032,300	998,500	22.5	22,428,700	84,994,800	17,200	43.2	981,300	22.1
Daniels	228,500	225,000	16.0	3,595,000	12,298,600	--	--	225,000	16.0
Dawson	135,600	125,000	19.0	2,376,700	8,130,800	700	50.0	124,300	18.8
Garfield	43,800	40,000	16.1	643,200	2,200,400	800	40.0	39,200	15.6
McCone	117,400	115,000	18.8	2,164,500	7,404,900	100	45.0	114,900	18.8
Richland	114,100	105,000	21.6	2,266,200	7,752,800	3,200	48.0	101,800	20.8
Roosevelt	274,700	270,000	18.9	5,103,600	17,459,600	800	35.0	269,200	18.9
Sheridan	118,200	110,000	19.8	2,183,200	7,468,800	600	35.0	109,400	19.8
Valley	299,200	295,000	17.9	5,292,000	18,104,200	3,000	40.0	292,000	17.7
N. EAST	1,331,500	1,285,000	18.4	23,624,400	80,820,100	9,200	42.8	1,275,800	18.2
Broadwater	15,500	15,000	42.9	643,800	2,438,400	9,000	57.0	6,000	21.8
Cascade	31,000	30,000	23.9	717,800	2,718,700	3,300	48.0	26,700	21.0
Fergus	20,500	20,000	27.4	548,000	2,075,600	--	--	20,000	27.4
Golden Valley . .	2,000	1,500	17.3	26,000	98,500	100	50.0	1,400	15.0
Judith Basin . . .	14,000	12,000	25.0	300,200	1,137,000	200	35.0	11,800	24.8
Lewis & Clark . .	1,500	1,500	24.0	36,000	136,400	100	80.0	1,400	20.0
Meagher	700	500	17.0	8,500	32,200	--	--	500	17.0
Musselshell	3,000	3,000	12.8	38,400	145,400	--	--	3,000	12.8
Petroleum	500	500	17.0	8,500	32,200	--	--	500	17.0
Wheatland	3,000	3,000	13.1	39,200	148,500	--	--	3,000	13.1
CENTRAL	91,700	87,000	27.2	2,366,400	8,962,900	12,700	54.4	74,300	22.5
Beaverhead	4,000	3,500	42.9	150,000	552,500	2,000	66.0	1,500	12.0
Gallatin	14,700	14,300	30.9	441,600	1,626,500	5,900	51.0	8,400	16.8
Jefferson	200	200	14.0	2,800	10,300	--	--	200	14.0
Madison	2,100	2,000	51.6	103,100	379,700	1,700	58.0	300	15.0
S. WEST	21,000	20,000	34.9	697,500	2,569,000	9,600	55.4	10,400	16.0
Big Horn	5,500	5,500	19.5	107,000	348,700	700	50.0	4,800	15.0
Carbon	3,000	3,000	16.2	48,500	158,000	500	47.0	2,500	10.0
Park	2,500	2,500	23.4	58,400	190,300	400	41.0	2,100	20.0
Stillwater	3,000	3,000	11.3	34,000	110,800	100	50.0	2,900	10.0
Sweet Grass	500	500	10.0	5,000	16,300	--	--	500	10.0
Treasure	1,800	1,500	49.3	74,000	241,100	1,000	65.0	500	18.0
Yellowstone	6,000	6,000	32.1	192,800	628,200	1,900	54.0	4,100	22.0
S. CENTRAL	22,300	22,000	23.6	519,700	1,693,400	4,600	53.8	17,400	15.6
Carter	14,000	10,000	17.2	172,000	586,600	--	--	10,000	17.2
Custer	7,800	6,500	21.6	140,500	479,100	1,000	58.0	5,500	15.0
Fallon	49,200	47,000	19.3	908,200	3,097,100	300	50.0	46,700	19.1
Powder River . . .	5,700	4,000	13.4	53,600	182,800	--	--	4,000	13.4
Prairie	3,600	2,500	14.0	35,000	119,300	--	--	2,500	14.0
Rosebud	14,000	12,500	18.7	234,000	798,000	3,000	40.0	9,500	12.0
Wibaux	44,100	42,500	15.5	657,200	2,241,200	400	50.0	42,100	15.1
S. EAST	138,400	125,000	17.6	2,200,500	7,504,100	4,700	45.3	120,300	16.5
STATE	2,650,000	2,550,000	20.5	52,275,000	188,190,000	62,300	48.9	2,487,700	19.8

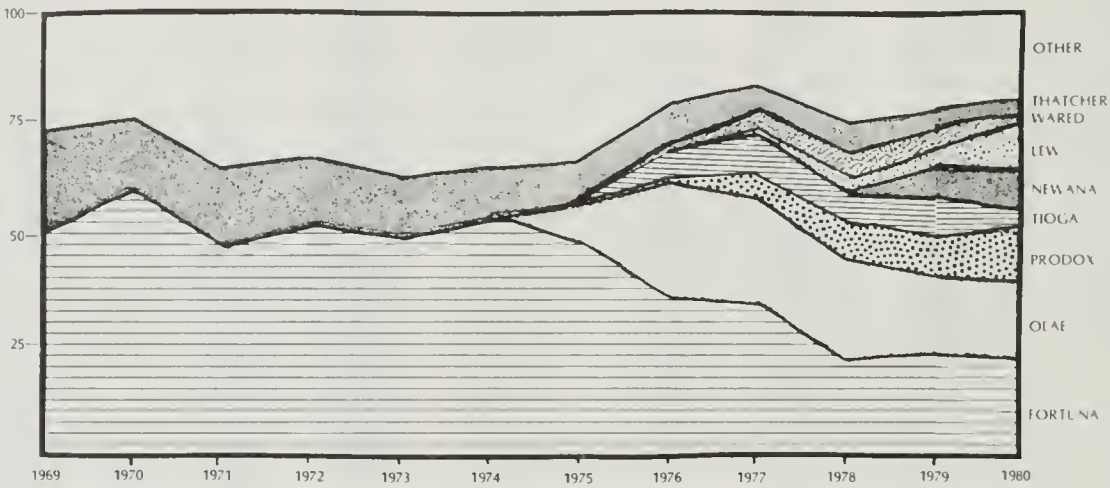
WINTER WHEAT

Major Varieties as Percent of Total Acreage — 1965-1980



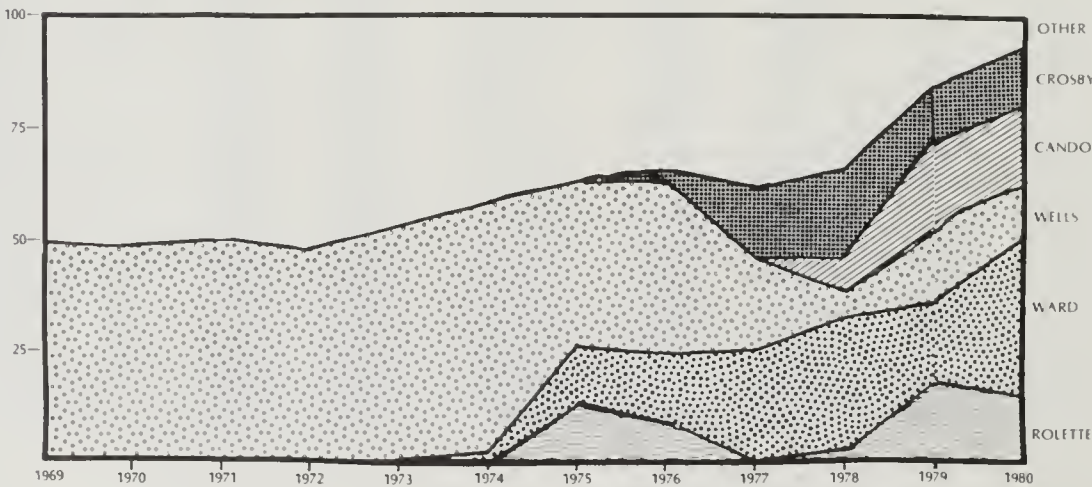
OTHER SPRING WHEAT

Major Varieties as Percent of Total Acreage — 1965-1980



DURUM WHEAT

Major Varieties as Percent of Total Acreage — 1965-1980



MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1976-1980

1979 Revised and 1980 Preliminary Seeded Acres

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1976	1977	1978	1979	1980	1979	1980
	Percent					Revised	Preliminary
WINTER WHEAT							
Winalta	35.3	31.1	29.1	27.7	26.3	830,900	683,800
Cheyenne	30.0	23.0	26.2	23.5	25.2	705,400	656,000
Centurk	12.0	25.7	28.1	27.1	24.7	811,900	641,100
Warrior	6.1	3.9	3.2	4.6	5.8	138,100	150,300
Rough Rider	--	--	--	2.6	4.1	78,100	106,800
Norstar	--	--	--	--	2.3	--	60,700
Winoka	3.5	3.3	3.2	3.4	2.2	100,200	58,900
Nugaines	.7	.8	.5	1.1	1.2	33,500	31,500
Gent	--	--	--	.5	.9	13,700	24,300
Sundance	2.6	2.5	2.4	1.7	.8	51,900	19,600
Lancer	.6	1.3	.4	.5	.7	16,300	16,900
Itana	--	--	--	--	.6	--	16,000
Other & unknown	9.2	8.4	6.9	7.3	5.2	220,000	134,100
TOTAL.....	100.0	100.0	100.0	100.0	100.0	3,000,000	2,600,000
SPRING WHEAT EXCLUDING DURUM							
Fortuna	35.2	34.1	21.6	23.4	22.6	620,700	656,000
Olaf	26.0	24.1	22.8	17.1	17.1	453,100	496,500
Prodax	1.1	6.3	9.0	9.9	10.7	262,900	309,800
Lew	--	1.4	3.8	5.2	10.1	138,600	293,600
Newana.....	--	--	1.0	5.8	7.6	153,400	220,100
Tioga	6.1	7.9	8.9	8.5	6.2	225,700	179,900
Thatcher	8.1	4.4	6.8	3.3	3.4	86,500	99,300
Butte	--	--	--	4.5	3.4	119,200	99,100
Wared	1.0	4.9	6.1	4.7	2.6	116,100	75,900
Norana	8.2	3.4	3.4	3.2	2.6	83,600	73,800
Red River 68	2.4	1.1	5.5	3.0	1.5	79,500	43,100
Bounty 309.....	--	--	--	1.2	.6	32,700	15,800
Other & unknown	11.9	12.4	11.1	10.2	11.6	278,000	337,100
TOTAL.....	100.0	100.0	100.0	100.0	100.0	2,650,000	2,900,000
DURUM WHEAT							
Ward	16.0	25.5	30.8	18.4	36.5	61,600	153,400
Cando	--	--	7.2	17.7	17.5	59,300	73,600
Rollette	--	--	3.4	18.5	14.2	62,000	59,500
Crosby.....	2.9	16.1	19.2	12.2	13.5	40,900	56,500
Wells	38.4	21.5	5.7	18.3	12.2	61,300	51,400
Wascana	2.6	5.0	1.7	--	1.3	--	5,300
Leeds	14.1	1.7	3.3	--	1.1	--	4,700
Other & unknown	26.0	30.2	28.7	14.9	3.7	49,900	15,600
TOTAL.....	100.0	100.0	100.0	100.0	100.0	335,000	420,000

DURUM WHEAT

Seeded Acreage by Varieties, Districts and Selected Counties — 1980

DISTRICT & COUNTY	Ward	Cando	Roll- ette	Crosby	Wells	Wascana	Leeds	Other and Unknown	TOTAL
Thousand Acres									
N. CENTRAL	26.4	--	18.6	--	--	1.2	4.7	6.1	57.0
Sheridan	91.7	71.8	20.8	50.0	41.3	--	--	.6	276.2
Other	34.8	.4	19.8	6.2	9.9	4.1	--	.2	75.4
N. EAST	126.5	72.2	40.6	56.2	51.2	4.1	--	.8	351.6
ALL OTHER COUNTIES ...	.5	1.4	.3	.3	.2	--	--	8.7	11.4
STATE	153.4	73.6	59.5	56.5	51.4	5.3	4.7	15.6	420.0

WINTER WHEAT

Seeded Acreage by Varieties, District and Selected Counties — 1980

DISTRICT & COUNTY	Win- alta	Chey- enne	Cen- turk	War- rior	Rough Rider	Nor- star	Win- oka	Nu- gaines	Gent	Sun- dance	Lancer	Itana	Other		TOTAL
													and	Unknown	
Thousand Acres															
N. WEST	1.9	.4	--	--	--	--	--	11.1	--	--	--	--	--	11.7	25.1
Blaine	54.7	48.5	--	--	4.3	34.1	6.9	1.5	--	--	--	--	--	--	150.0
Chouteau	31.5	118.9	139.8	41.4	--	--	--	--	--	--	8.8	--	--	8.3	348.7
Glacier	11.9	--	.7	--	--	--	--	--	--	--	--	--	--	5.9	18.5
Hill	134.3	92.6	50.0	39.4	.3	7.1	14.0	--	--	3.1	--	--	--	4.3	345.1
Liberty	45.6	9.9	52.2	--	1.4	2.7	--	--	--	--	--	--	--	21.4	133.2
Phillips	17.2	5.4	7.7	1.4	--	--	.7	--	--	--	--	--	--	8.8	41.2
Pondera	22.0	10.2	44.4	.4	--	4.5	19.0	--	--	--	--	--	--	.1	100.6
Teton	3.7	28.2	44.5	2.6	--	1.6	5.0	--	--	--	--	--	--	3.6	89.2
Toole	69.9	--	40.7	--	--	4.9	--	--	--	--	--	--	--	--	115.5
N. CENTRAL	390.8	313.7	380.0	85.2	6.0	54.9	45.6	1.5	--	3.1	8.8	--	52.4	--	1,342.0
Dawson	14.8	--	--	--	36.2	--	--	--	--	--	--	--	--	--	51.0
Garfield	4.1	12.7	--	1.9	3.8	--	--	--	--	--	--	--	--	--	22.5
McCone	64.7	--	--	--	--	--	--	--	--	--	--	--	--	--	64.7
Richland	16.3	--	--	3.2	11.6	--	--	--	--	--	--	--	--	--	31.1
Roosevelt	7.9	--	--	--	5.0	--	.2	--	--	--	--	--	--	--	13.1
Valley	8.8	1.1	--	.5	5.6	--	.2	--	--	--	--	--	--	--	16.2
Other	1.8	.1	--	.1	1.2	--	--	--	--	--	--	--	.2	--	3.4
N. EAST	118.4	13.9	--	5.7	63.4	--	.4	--	--	--	--	--	.2	--	202.0
Cascade	1.4	44.8	65.2	2.8	--	1.9	--	--	--	--	3.6	--	7.4	--	127.1
Fergus	4.4	63.7	18.8	1.9	--	3.6	5.7	--	4.3	16.2	4.4	8.1	18.4	--	149.5
Golden Valley	--	9.8	2.5	--	--	.3	--	4.8	--	--	--	--	4.9	--	22.0
Judith Basin	3.6	31.8	32.3	--	2.5	--	--	--	--	--	--	--	1.0	--	71.5
Other	31.1	26.3	14.5	1.1	.1	--	.1	--	--	.3	.1	--	4.1	--	77.7
CENTRAL	40.5	176.4	133.3	5.8	2.6	5.8	5.8	4.8	4.3	16.5	8.1	8.1	35.8	--	447.8
Gallatin	10.0	.5	3.5	--	--	--	--	11.9	--	--	--	--	10.4	--	36.3
Other	1.8	6.3	.7	--	--	--	--	2.2	--	--	--	--	3.7	--	14.7
S. WEST	11.8	6.8	4.2	--	--	--	--	14.1	--	--	--	--	14.1	--	51.0
Big Horn	--	21.2	--	42.3	--	--	--	--	--	--	--	--	7.1	--	70.6
Carbon	2.4	6.0	3.8	1.3	--	--	.7	--	--	--	--	--	.1	--	14.3
Park	4.5	1.7	7.8	--	--	--	--	--	--	--	--	--	--	--	14.0
Stillwater	10.6	--	28.5	--	--	--	--	--	20.0	--	--	--	--	--	59.1
Yellowstone	--	65.4	15.5	--	--	--	--	--	--	--	--	7.9	.4	--	89.2
Other	.1	4.8	.1	4.9	--	--	--	--	--	--	--	--	1.9	--	11.8
S. CENTRAL	17.6	99.1	55.7	48.5	--	--	.7	--	20.0	--	--	7.9	9.5	--	259.0
Carter	18.4	--	--	--	27.6	--	--	--	--	--	--	--	--	--	46.0
Custer	1.1	5.5	25.8	1.5	.4	--	--	--	--	--	--	--	1.1	--	35.4
Fallon	33.9	--	--	--	6.8	--	--	--	--	--	--	--	--	--	40.7
Powder River	3.4	18.0	18.6	--	--	--	--	--	--	--	--	--	.4	--	40.4
Prairie	39.6	--	23.5	1.0	--	--	--	--	--	--	--	--	--	--	64.1
Rosebud	--	22.2	--	2.6	--	--	--	--	--	--	--	--	8.9	--	33.7
Wibaux	6.4	--	--	--	--	--	6.4	--	--	--	--	--	--	--	12.8
S. EAST	102.8	45.7	67.9	5.1	34.8	--	6.4	--	--	--	--	--	10.4	--	273.1
STATE	683.8	656.0	641.1	150.3	106.8	60.7	58.9	31.5	24.3	19.6	16.9	16.0	134.1	--	2,600.0

SPRING WHEAT (EXCLUDING DURUM)
Seeded Acreage by Varieties, District and Selected Counties — 1980

DISTRICT & COUNTY	For- tuna	Olaf	Pro- dax	Low	New- ana	Tioga	That- cher	Butte	Wared	Nor- ana	Red River 68	Bounty 309	Other and Unknown	TOTAL
Thousand Acres														
N. WEST	.1	--	.5	--	2.0	--	--	--	--	--	--	--	12.9	15.5
Blaine	22.0	3.2	--	--	53.9	15.6	--	--	--	--	--	--	--	94.7
Chouteau	107.9	2.2	--	34.4	4.2	--	6.4	2.2	25.8	14.2	--	--	6.9	204.2
Glacier	46.8	--	5.4	14.2	2.7	--	--	5.0	--	--	--	--	38.4	112.5
Hill	79.3	10.1	18.2	81.1	43.6	--	5.0	--	--	15.7	--	13.0	9.7	275.7
Liberty	36.9	--	60.1	18.8	--	--	--	--	6.9	9.3	--	--	.8	132.8
Phillips	5.7	25.9	24.1	.3	--	27.5	10.9	--	5.0	--	--	2.3	1.8	103.5
Pondera	21.8	1.3	3.9	4.8	2.3	--	--	--	11.7	--	--	--	2.0	47.8
Teton	35.5	14.3	1.5	1.0	--	--	--	--	--	6.5	--	--	.3	59.1
Toole	76.6	14.0	63.9	.4	6.6	4.8	--	--	--	--	--	--	--	166.3
N. CENTRAL	432.5	71.0	177.1	155.0	113.3	47.9	22.3	7.2	49.4	45.7	--	15.3	59.9	1,196.6
Daniels	65.0	15.0	18.4	29.8	--	20.0	--	17.6	--	5.2	20.4	.5	38.4	230.3
Dawson	3.6	71.6	10.7	--	25.8	--	5.9	9.7	--	--	--	--	9.3	136.6
Garfield	22.7	19.8	--	--	--	--	--	--	--	--	--	--	1.7	44.2
McCone	11.2	60.8	20.0	.9	--	3.0	19.2	--	--	--	--	--	3.1	118.2
Richland	--	47.8	--	8.7	19.9	--	--	--	18.8	--	--	--	19.8	115.0
Roosevelt	32.6	99.8	15.1	87.1	--	--	22.1	--	--	--	5.8	--	14.3	276.8
Sheridan	--	22.3	27.9	4.0	--	11.7	--	.5	--	--	16.9	--	35.9	119.2
Valley	35.0	57.0	12.8	--	--	97.3	29.8	59.9	--	--	--	--	10.0	301.8
N. EAST	170.1	394.1	104.9	130.5	45.7	132.0	77.0	87.7	18.8	5.2	43.1	.5	132.5	1,342.1
Cascade	2.6	8.6	2.3	--	31.5	--	--	--	5.2	8.3	--	--	10.2	68.7
Fergus	12.8	--	11.7	5.7	11.4	--	--	--	--	--	--	--	3.8	45.4
Judith Basin	8.2	--	--	--	1.9	--	--	--	--	--	--	--	18.7	28.8
Other	16.7	.4	4.6	.1	4.6	--	--	.1	--	5.1	--	--	28.6	60.2
CENTRAL	40.3	9.0	18.6	5.8	49.4	--	--	.1	5.2	13.4	--	--	61.3	203.1
S. WEST	2.4	--	4.2	--	3.2	--	--	--	--	.9	--	--	1.0	11.7
S. CENTRAL	5.3	--	3.5	1.9	4.2	--	--	--	--	--	--	--	25.5	40.4
Fallon	.3	21.2	--	--	--	--	--	--	--	4.6	--	--	6.0	32.1
Wibaux	1.4	--	--	.4	.6	--	--	--	2.5	--	--	--	24.0	28.9
Other	3.6	1.2	1.0	--	1.7	--	--	4.1	--	4.0	--	--	14.0	29.6
S. EAST	5.3	22.4	1.0	.4	2.3	--	--	4.1	2.5	8.6	--	--	44.0	90.6
STATE	656.0	496.5	309.8	293.6	220.1	179.9	99.3	99.1	75.9	73.8	43.1	15.8	337.1	2,900.0

WHEAT SHIPPED OUT OF STATE — 1970-79

By Class and Destination

CROP YEAR ¹	ALL WHEAT				WINTER WHEAT				SPRING WHEAT ²			
	East	West	Other ³	Total	East	West	Other ³	Total	East	West	Other ³	Total
	Thousand Bushels				Thousand Bushels				Thousand Bushels			
1970 ⁴	11,929	67,529	1,623	81,081								
1971	7,405	58,224	771	66,400	3,030	30,447	321	33,798	4,375	27,777	450	32,602
1972	7,685	98,149	563	106,397	4,567	52,100	67	56,734	3,118	46,049	496	49,663
1973	2,549	84,430	184	87,163	499	50,025	97	50,621	2,050	34,405	87	36,542
1974	6,426	73,374	1,158	80,958	4,797	43,662	1,000	49,459	1,629	29,712	158	31,499
1975	13,440	90,196	2,041	105,677	10,637	61,863	1,260	73,760	2,803	28,333	781	31,917
1976	12,490	74,510	1,808	88,808	9,151	48,153	495	57,799	3,339	26,357	1,313	31,009
1977	6,333	74,428	1,612	82,373	5,040	51,607	661	57,308	1,293	22,821	951	25,065
1978	4,658	94,726	1,228	100,612	3,190	63,241	566	66,997	1,468	31,485	662	33,615
1979	4,941	91,703	1,524	98,168	2,408	51,177	826	54,411	2,533	40,526	698	43,757

¹Crop year July through June the following year until 1976 when the crop year changed to June through May the following year.

²Includes durum wheat.

³Other and unknown.

⁴Breakdown by classes not available.

WHEAT SHIPPED OUT OF STATE 1978 & 1979 CROP YEARS

By Class District, Mode, and Destination¹

DISTRICT OF ORIGIN, MODE and DESTINATION	Crop Year June 1978 - May 1979			Crop Year June 1979 - May 1980		
	Winter wheat	Spring wheat ²	All wheat	Winter wheat	Spring wheat ²	All wheat
	Thousand Bushels			Thousand Bushels		
N. WEST	131	523	654	580	300	880
N. CENTRAL	33,385	13,275	46,660	29,155	17,267	46,422
N. EAST	6,768	12,676	19,444	5,087	17,247	22,334
CENTRAL	14,338	4,643	18,981	9,246	5,691	14,937
S. WEST	2,227	513	2,740	1,660	891	2,551
S. CENTRAL	7,009	953	7,962	5,814	1,102	6,916
S. EAST	3,139	1,032	4,171	2,869	1,259	4,128
STATE						
Truck East	2,155	528	2,683	1,774	615	2,389
Truck West	20,132	11,857	31,989	16,720	13,959	30,679
Truck Other ³	563	658	1,221	480	698	1,178
Total by Truck	22,850	13,043	35,893	18,974	15,272	34,246
Rail East	1,035	940	1,975	634	1,918	2,552
Rail West	43,109	19,628	62,737	34,457	26,567	61,024
Rail Other ³	3	4	7	346	0	346
Total by Rail	44,147	20,572	64,719	35,437	28,485	63,922
Total Wheat Shipped	66,997	33,615	100,612	54,411	43,757	98,168

¹Based on data reported by commercial elevators and licensed truckers. Reported data were expanded to represent 100 percent of elevator capacity.

²Includes durum.

³Other and unknown.

ALL WHEAT PRODUCTION, STOCKS AND UTILIZATION

1974-1978 Marketing Years

	1974	1975	1976	1977	1978
	Million Bushels				
SUPPLY					
Beginning stocks ¹	18.3	24.3	50.1	87.8	97.9
Production	<u>120.1</u>	<u>155.9</u>	<u>167.3</u>	<u>130.9</u>	<u>146.1</u>
Total Supply	138.4	180.2	217.4	218.7	244.0
DISPOSITION					
Recorded movement out of State ²	80.7	97.8	88.8	82.4	127.8
Milled for flour in Montana	7.2	7.1	8.1	7.9	8.3
Used for seed in Montana	5.2	4.9	4.8	5.2	5.4
Used for livestock feed ³	1.1	1.6	5.4	5.1	3.0
Unaccounted disappearance (to balance) ⁴	<u>19.9</u>	<u>18.7</u>	<u>22.5</u>	<u>20.2</u>	<u>12.4</u>
Total disposition	114.1	130.1	129.6	120.8	156.9
Ending stocks ¹	24.3	50.1	87.8	97.9	87.1

¹Farm, commercial—July 1 stocks 1974 & 1975 - June 1 stocks 1976 and on.²Reported by elevators, licensed truckers. Includes special survey of truck destinations 1978.³Utilization for feed—on farms where grown, cattle feeders, feed mills, and purchased by other farmers for feed.⁴Due to unknowns in components and probable unrecorded movement.WHEAT MOVEMENT TO PACIFIC NORTHWEST, UTILIZATION AND EXPORTS¹

By Marketing year 1973-1978

	Marketing Year ²					
	1973	1974	1975	1976	1977	1978
	Million Bushels					
ITEM						
Beginning stocks ³	31.5	18.3	24.3	50.1	87.8	97.9
Production	96.7	120.1	155.9	167.3	130.9	146.1
Ending stocks ³	-18.3	-24.3	-50.1	-87.8	-97.9	-87.1
Available supply ⁴	109.9	114.1	130.1	129.6	120.8	156.9
Shipments of wheat into Pacific Northwest (adjusted for unaccounted disappearance) ⁵ ...	83.6	85.6	94.3	88.5	96.6	114.8
Total wheat used for flour in Pacific Northwest (includes bulgar)	(30.6)	(29.9)	(25.9) ⁸	(30.7)	(30.4)	(32.8)
Estimated Montana wheat milled for flour in Pacific Northwest (includes bulgar) ⁶	21.6	19.8	20.0 ⁸	21.0	19.9	21.5
Estimated Montana Wheat exported from Pacific Northwest ports ⁷	62.0	65.8	74.3	67.5	76.7	93.3
Percent of available supply.....	56%	58%	57%	52%	63%	59%
Inspected exports of Hard Red Spring, Hard Red Winter and Durum from Pacific Northwest ports	183.8	116.1	118.2 ⁸	108.0	123.7	175.1
Montana exports as percent of total HRS, HRW and Durum exports from Pacific NW ports ...	34%	57%	63%	62%	62%	53%

¹Pacific Northwest—Oregon, Washington, and Northern Idaho.²July 1 - June 30, 1973-74; July 1 - May 31, 1975; June 1 - May 31, 1976-1977.³July 1 stocks 1972-1975—June 1 stocks 1976 and on.⁴Beginning stocks plus production minus ending stocks.⁵Source: Montana Grain Movement project, including allowance for Northern Idaho.⁶Total Pacific Northwest wheat millings minus estimated wheat originating from Oregon, Washington, or other States.⁷Estimated Montana wheat shipped to Pacific Northwest minus estimated Montana wheat milled in Pacific Northwest.⁸July 1 - May 31.

STOCKS OF MAJOR GRAINS — 1971-1980

CROP AND YEAR	JANUARY 1		APRIL 1		JULY 1 ²		OCTOBER 1	
	On Farm Total	Total All Postions ¹	On Farm Total	Total All Positions ¹	On Farm Total	Total All Positions ¹	On Farm Total	Total All Positions ¹
	Thousand Bushels							
ALL WHEAT								
1971	80,057	96,595	61,320	73,997	44,287	56,980	115,371	145,276
1972	98,570	122,155	77,288	93,827	49,285	60,378	89,936	113,091
1973	70,170	90,658	46,451	61,696	21,743	31,503	66,733	85,732
1974	47,390	61,121	26,113	35,797	14,507	18,294	87,679	110,273
1975	55,250	71,615	31,228	40,106	19,217	24,315	116,944	145,575
1976	90,437	113,065	48,337	64,637	38,981 ²	50,050 ²	142,201	173,101
1977	112,088	138,790	85,320	105,538	71,937	87,810	146,630	171,683
1978	126,992	148,850	102,118	118,517	83,789	97,872	156,274	185,567
1979	131,445	157,274	102,235	121,707	71,565	87,116	140,935	168,008
1980	107,157	130,013	80,368	96,078	58,238	73,538	³	³
WINTER WHEAT								
1972	48,781	62,832	38,915	48,050	24,665	30,416	44,464	56,867
1973	32,864	44,391	17,399	25,012	6,012	10,693	33,623	44,748
1974	19,741	27,670	9,370	14,522	5,512	7,418	53,159	68,114
1975	32,052	42,764	17,264	23,061	10,438	13,374	73,166	94,328
1976	59,955	75,004	30,939	41,934	25,448 ²	32,915 ²	79,834	100,737
1977	63,215	80,813	45,979	58,675	38,343	48,649	84,448	99,906
1978	74,704	88,718	58,464	69,118	45,472	54,444	81,189	99,805
1979	69,471	85,997	53,568	65,790	38,502	49,258	67,285	85,146
1980	52,692	69,084	40,163	51,663	31,556	43,556	³	³
DURUM WHEAT								
1972	5,594	6,769	3,974	5,040	2,429	3,269	5,698	6,760
1973	4,052	5,051	3,208	4,200	1,773	2,487	4,885	5,885
1974	2,603	3,688	1,602	2,360	921	1,207	4,566	5,226
1975	3,551	4,447	2,537	3,101	1,623	1,879	8,606	9,543
1976	5,974	6,968	4,961	5,836	3,645 ²	4,266 ²	9,667	10,947
1977	8,042	9,096	7,443	8,434	6,502	7,241	8,228	9,258
1978	6,776	7,530	6,292	6,833	5,808	6,387	13,050	13,795
1979	9,135	9,936	7,569	8,349	6,525	6,947	10,920	11,420
1980	7,917	8,307	6,143	6,507	4,436	4,636	³	³
ALL SPRING WHEAT (including Durum)								
1972	49,789	59,323	38,373	45,777	24,620	29,962	45,472	56,224
1973	37,306	46,267	29,052	36,675	15,731	20,810	33,110	40,984
1974	27,649	33,451	16,743	21,275	8,995	10,876	34,520	42,159
1975	23,198	28,851	13,964	17,045	8,779	10,941	43,778	51,247
1976	30,482	38,061	17,398	22,703	13,533 ²	17,135 ²	62,367	72,364
1977	48,873	57,977	39,341	46,863	33,594	39,161	62,182	71,777
1978	52,288	60,132	43,654	49,399	38,317	43,428	75,085	85,762
1979	61,974	71,277	48,667	55,917	33,063	37,858	73,650	82,862
1980	54,465	60,929	40,205	44,415	26,682	29,982	³	³
OATS								
1971	22,661	25,517	19,685	22,962	13,963	17,248	16,048	20,229
1972	12,461	16,570	8,590	12,688	6,136	10,109	14,170	18,300
1973	12,989	16,842	8,856	12,833	6,731	10,159	10,091	13,073
1974	10,530	13,405	6,669	9,380	4,914	5,782	10,496	11,466
1975	9,702	10,571	5,821	6,656	3,793	4,234	7,704	8,177
1976	6,732	7,086	4,039	4,450	3,142 ²	3,440 ²	8,064	8,536
1977	7,310	7,701	4,296	4,692	3,391	3,610	6,440	6,802
1978	5,824	6,143	4,032	4,301	2,800	3,046	11,881	12,293
1979	10,608	10,908	7,320	7,557	5,940	6,160	7,644	7,837
1980	7,098	7,283	4,259	4,446	6,160	3,064	³	³
BARLEY								
1971	52,106	60,060	29,309	36,553	9,770	12,278	49,980	54,831
1972	39,984	44,833	22,344	27,490	10,584	13,831	49,930	56,248
1973	39,048	46,190	16,643	23,830	7,682	10,311	46,200	55,125
1974	42,000	50,173	24,000	29,989	14,400	17,793	31,923	38,812
1975	20,787	26,667	9,651	12,079	4,826	6,153	41,067	45,010
1976	29,913	34,229	14,703	18,268	8,112 ²	10,023 ²	38,007	42,336
1977	24,991	28,602	12,496	15,099	7,810	9,510	44,888	49,103
1978	37,580	41,841	21,922	24,588	13,571	15,813	55,578	60,856
1979	47,300	52,116	30,154	34,241	24,241	26,864	46,644	51,638
1980	31,231	35,119	15,413	18,058	9,329	11,129	³	³

¹Includes farm stocks plus stocks at mills, elevators, warehouses, terminals, processors, and stocks owned by Commodity Credit Corporation.

²-Starting in 1976 data pertains to June 1.

³Some data not available in time for publication.

MONTANA BARLEY UTILIZED TO PRODUCE MALT BY DISTRICT

1975-1978 — July 1 - June 30 Crop Year

Variety	Crop Year	N. West	N. Cent.	N. East	Central	S. West	S. Cent.	STATE
				(000 Bushels)				
Piroline	1975	16	2,149	--	304	23	--	2,492
	1976	--	2,461	62	318	20	25	2,886
	1977	10	440	--	250	--	--	700
	1978	--	940	100	255	--	--	1,295
Klages	1975	6	84	--	17	33	--	140
	1976	40	750	--	330	85	60	1,265
	1977	5	1,650	--	475	55	200	2,385
	1978	--	1,940	--	1,160	425	100	3,625
Firlbeck III	1975	--	106	--	--	100	672	878
	1976	--	325	--	--	--	769	1,094
	1977	--	--	--	--	--	835	835
	1978	--	--	--	--	--	--	--
Karl	1975	11	167	--	10	21	--	209
	1976	20	150	--	70	135	--	375
	1977	--	360	--	--	--	125	485
	1978	--	200	--	--	35	--	235
Shabet	1975	16	1,484	--	56	116	--	1,672
	1976	--	1,925	--	20	36	--	1,981
	1977	10	375	--	30	--	--	415
	1978	--	1,110	--	--	10	100	1,220
Other	1975	--	987	--	18	190	140	1,335
	1976	15	449	120	75	51	82	792
	1977	95	230	330	40	--	100	795
	1978	--	330	--	--	30	65	425
TOTAL	1975	49	4,977	--	405	483	812	6,726
	1976	75	6,060	182	813	327	936	8,393
	1977	120	3,055	330	795	55	1,260	5,615
	1978	--	4,520	100	1,415	500	265	6,800

MONTANA NEW CROPLAND BY CROP YEAR

	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
			(000 acres)	
New land broken up	260	180	150	185
New land seeded	165	110	145	180

BARLEY — 1978

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge . . .	1,200	700	54.9	38,400	65,200	600	59.0	100	30.0
Flathead	33,600	31,200	60.8	1,898,400	3,225,500	12,600	68.0	18,600	56.0
Granite	1,000	600	55.0	33,000	56,100	600	55.0	--	--
Lake	15,800	14,000	64.8	906,900	1,540,900	11,500	67.0	2,500	54.6
Lincoln	300	300	50.7	15,200	25,800	200	61.0	100	30.0
Mineral	100	100	64.0	6,400	10,900	100	64.0	--	--
Missoula	5,100	2,900	53.0	153,600	261,000	1,800	62.0	1,100	38.2
Powell	3,200	2,000	57.6	115,200	195,700	1,900	59.0	100	31.0
Ravalli	4,000	3,700	64.4	238,300	404,900	3,500	66.0	200	36.5
Sanders	2,400	1,900	45.3	86,000	146,100	700	60.0	1,200	36.7
N. WEST	66,700	57,400	60.8	3,491,400	5,932,100	33,500	66.0	23,900	53.6
Blaine	36,600	34,600	45.6	1,577,200	2,716,500	3,500	58.0	31,100	44.2
Chouteau	134,400	125,900	40.7	5,128,600	8,833,400	2,200	55.0	123,700	40.5
Glacier	116,400	104,600	43.9	4,587,200	7,901,000	13,000	58.0	91,600	41.8
Hill	32,300	30,000	36.1	1,084,100	1,867,300	300	55.0	29,700	35.9
Liberty	32,000	31,000	34.9	1,082,500	1,864,500	--	--	31,000	34.9
Phillips	33,000	30,400	44.5	1,353,400	2,331,100	2,000	55.0	28,400	43.8
Pondera	115,800	106,200	46.7	4,964,800	8,551,400	25,000	62.0	81,200	42.1
Teton	96,800	92,000	49.7	4,575,300	7,880,500	38,500	69.0	53,500	35.9
Toole	72,700	65,400	39.0	2,550,100	4,392,300	500	58.0	64,900	38.8
N. CENTRAL . . .	670,000	620,100	43.4	26,903,200	46,338,000	85,000	64.0	535,100	40.1
Daniels	18,400	17,500	39.6	692,200	1,060,100	--	--	17,500	39.6
Dawson	21,100	18,000	35.4	637,600	976,500	200	60.0	17,800	35.1
Garfield	20,400	16,600	32.3	536,200	821,200	200	57.0	16,400	32.0
McCone	30,200	26,800	41.1	1,102,600	1,688,600	--	--	26,800	41.1
Richland	35,900	31,200	46.1	1,439,000	2,203,800	3,100	63.0	28,100	44.3
Roosevelt	24,400	24,100	38.9	937,400	1,435,600	--	--	24,100	38.9
Sheridan	22,700	22,500	37.1	834,900	1,278,600	300	51.0	22,200	36.9
Valley	39,900	36,200	41.9	1,518,000	2,324,800	2,200	60.0	34,000	40.8
N. EAST	213,000	192,900	39.9	7,697,900	11,789,200	6,000	61.0	186,900	39.2
Broadwater	26,000	25,000	56.2	1,406,000	2,399,300	17,300	65.0	7,700	36.6
Cascade	53,500	49,000	37.1	1,817,000	3,100,600	9,000	63.0	40,000	31.3
Fergus	98,000	93,100	36.1	3,364,600	5,741,600	400	63.0	92,700	36.0
Golden Valley . .	6,000	5,000	37.2	186,100	317,600	500	59.0	4,500	34.8
Judith Basin . . .	51,000	46,500	38.0	1,765,900	3,013,500	1,400	59.0	45,100	37.3
Lewis & Clark . .	10,800	10,000	56.5	564,500	963,300	8,000	63.0	2,000	30.3
Meagher	11,000	10,500	44.4	466,700	796,400	4,000	67.0	6,500	30.6
Musselshell	9,000	8,000	28.2	225,500	384,800	--	--	8,000	28.2
Petroleum	7,200	6,000	30.2	181,200	309,200	400	63.0	5,600	27.9
Wheatland	15,500	14,300	32.3	461,400	787,400	500	60.0	13,800	31.3
CENTRAL	288,000	267,400	39.0	10,438,900	17,813,700	41,500	64.0	225,900	34.5
Beaverhead	14,700	11,700	62.2	727,800	1,325,700	11,100	64.0	600	29.0
Gallatin	53,100	50,200	57.2	2,869,600	5,227,000	25,000	63.0	25,200	51.4
Jefferson	3,400	2,900	40.4	117,200	213,500	1,200	58.0	1,700	28.0
Madison	6,700	5,800	59.3	344,200	627,000	5,100	62.0	700	40.0
Silver Bow	100	100	63.0	6,300	11,500	100	63.0	--	--
S. WEST	78,000	70,700	57.5	4,065,100	7,404,700	42,500	63.0	28,200	49.2
Big Horn	25,400	23,400	43.3	1,014,100	1,749,800	6,000	64.0	17,400	36.2
Carbon	19,500	16,500	50.4	831,800	1,435,300	8,500	67.0	8,000	32.8
Park	14,000	13,000	37.0	480,500	829,100	4,000	59.0	9,000	27.2
Stillwater	20,500	19,500	32.2	628,400	1,084,300	1,400	59.0	18,100	30.2
Sweet Grass	5,600	5,500	35.8	196,800	339,600	1,400	56.0	4,100	28.9
Treasure	3,800	3,200	41.5	132,800	229,100	1,100	64.0	2,100	29.7
Yellowstone	33,500	32,000	42.6	1,363,700	2,353,100	12,600	65.0	19,400	28.1
S. CENTRAL	122,300	113,100	41.1	4,648,100	8,020,300	35,000	64.0	78,100	30.8
Carter	8,400	7,700	32.1	247,500	423,200	--	--	7,700	32.1
Custer	9,000	7,100	43.0	305,100	521,600	2,400	62.0	4,700	33.3
Fallon	10,700	9,300	30.6	284,700	486,800	--	--	9,300	30.6
Powder River . . .	8,500	8,100	29.5	239,200	409,000	--	--	8,100	29.5
Prairie	7,200	7,000	33.2	232,500	397,500	400	63.0	6,600	31.4
Rosebud	11,400	8,400	42.7	358,600	613,100	3,000	64.0	5,400	30.9
Wibaux	6,800	5,800	36.7	212,800	363,800	200	60.0	5,600	35.9
S. EAST	62,000	53,400	35.2	1,880,400	3,215,000	6,000	63.0	47,400	31.7
STATE	1,500,000	1,375,000	43.0	59,125,000	100,513,000	249,500	64.0	1,125,500	38.3

BARLEY — 1979

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Har- vested	Yield per Acres	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
				Bushels	Dollars		Bu.		Bu.
Deer Lodge	500	500	58.0	29,000	66,300	500	58.0	--	--
Flathead	30,600	29,500	47.1	1,390,500	3,179,400	13,200	64.0	16,300	33.5
Granite	400	400	50.0	20,000	45,700	400	50.0	--	--
Lake	13,500	12,700	53.2	676,100	1,545,900	10,900	57.0	1,800	30.4
Lincoln	100	100	51.0	5,100	11,700	100	51.0	--	--
Mineral	100	100	51.0	5,100	11,700	100	51.0	--	--
Missoula	2,300	2,000	47.8	95,600	218,600	1,600	53.0	400	27.0
Powell	2,100	1,800	51.8	93,300	213,300	1,700	53.0	100	32.0
Ravalli	3,900	3,600	61.1	220,100	503,200	3,400	63.0	200	29.5
Sanders	1,500	1,400	39.0	54,600	124,800	400	59.0	1,000	31.0
N. WEST	55,000	52,100	49.7	2,589,400	5,920,600	32,300	60.0	19,800	32.9
Blaine	28,800	27,500	35.9	986,000	2,189,600	4,600	61.0	22,900	30.8
Chouteau	98,100	95,600	37.2	3,557,100	7,899,300	2,600	64.0	93,000	36.5
Glacier	75,000	73,200	40.4	2,954,400	6,560,900	14,200	65.0	59,000	34.4
Hill	20,000	19,000	33.1	628,800	1,396,400	400	60.0	18,600	32.5
Liberty	21,300	20,100	30.8	619,500	1,375,800	--	--	20,100	30.8
Phillips	21,000	19,900	33.6	669,000	1,485,700	3,000	57.0	16,900	29.5
Pondera	78,200	73,300	44.9	3,288,700	7,303,300	23,100	61.0	50,200	37.4
Teton	86,300	83,000	52.5	4,357,600	9,676,900	46,600	66.0	36,400	35.2
Toole	51,900	50,300	34.1	1,715,000	3,808,500	300	58.0	50,000	34.0
N. CENTRAL ...	480,600	461,900	40.6	18,776,100	41,696,400	94,800	64.0	367,100	34.6
Daniels	17,600	15,400	19.9	306,800	577,500	100	55.0	15,300	19.7
Dawson	13,800	12,600	27.2	342,300	644,400	300	62.0	12,300	26.3
Garfield	11,200	10,600	21.4	226,500	426,400	200	57.0	10,400	20.7
McCone	18,200	15,700	22.1	346,300	651,900	--	--	15,700	22.1
Richland	23,000	20,700	28.8	596,400	1,122,700	2,500	58.0	18,200	24.8
Roosevelt	18,000	17,500	26.4	461,300	868,400	100	55.0	17,400	26.2
Sheridan	15,500	14,500	26.3	381,500	718,100	100	54.0	14,400	26.1
Valley	24,600	23,400	23.6	551,500	1,038,100	1,400	58.0	22,000	21.4
N. EAST	141,900	130,400	24.6	3,212,600	6,047,500	4,700	58.0	125,700	23.4
Broadwater	16,000	15,700	55.3	868,500	1,783,600	12,500	61.0	3,200	33.1
Cascade	46,800	44,000	39.7	1,745,400	3,584,500	8,100	58.0	35,900	35.5
Fergus	74,700	71,000	33.7	2,395,900	4,920,400	200	54.0	70,800	33.7
Golden Valley ..	5,000	4,300	28.6	122,900	252,400	300	53.0	4,000	26.8
Judith Basin	39,900	39,100	36.0	1,408,300	2,892,200	1,300	52.0	37,800	35.5
Lewis & Clark ..	8,500	7,500	56.3	422,600	867,900	6,600	60.0	900	29.6
Meagher	7,900	7,000	42.1	294,600	605,000	3,500	57.0	3,500	27.2
Mussleshell	5,100	4,500	27.9	125,700	258,100	--	--	4,500	27.9
Petroleum	4,900	4,100	26.4	108,100	222,000	100	51.0	4,000	25.8
Wheatland	10,000	9,400	30.8	289,400	594,300	500	51.0	8,900	29.7
CENTRAL	218,800	206,600	37.7	7,781,400	15,980,400	33,100	59.0	173,500	33.6
Beaverhead	8,700	8,100	55.5	449,400	949,700	7,100	60.0	1,000	23.4
Gallatin	48,200	45,800	50.0	2,288,400	4,835,800	22,200	66.0	23,600	34.9
Jefferson	2,700	2,300	42.7	98,100	207,300	1,000	63.0	1,300	27.0
Madison	6,300	5,700	54.9	313,200	661,800	4,700	61.0	1,000	26.5
Silver Bow	100	100	55.0	5,500	11,600	100	55.0	--	--
S. WEST	66,000	62,000	50.9	3,154,600	6,666,200	35,100	64.0	26,900	33.8
Big Horn	19,200	17,200	40.0	687,600	1,506,900	4,700	64.0	12,500	30.9
Carbon	13,200	12,200	54.0	658,300	1,442,700	7,500	68.0	4,700	31.6
Park	9,100	8,700	44.1	383,700	840,700	2,700	67.0	6,000	33.8
Stillwater	18,300	17,200	31.2	536,000	1,174,600	900	61.0	16,300	29.5
Sweet Grass	5,800	5,400	37.2	200,800	440,100	1,400	67.0	4,000	26.8
Treasure	2,200	2,100	49.1	103,200	226,200	1,000	68.0	1,100	32.0
Yellowstone	26,800	24,500	48.2	1,179,900	2,585,800	11,100	68.0	13,400	31.7
S. CENTRAL	94,600	87,300	42.9	3,749,500	8,217,000	29,300	67.0	58,000	30.8
Carter	6,300	5,900	29.7	175,300	361,800	--	--	5,900	29.7
Custer	6,200	6,000	38.5	231,100	477,000	2,100	63.0	3,900	25.3
Fallon	8,400	7,700	31.4	241,600	498,700	--	--	7,700	31.4
Powder River ...	5,400	4,800	22.5	108,000	222,900	--	--	4,800	22.5
Prairie	5,400	4,800	29.9	143,300	295,800	700	63.0	4,100	24.2
Rosebud	6,900	6,400	45.0	288,000	594,500	2,900	65.0	3,500	28.5
Wibaux	4,500	4,100	26.6	109,100	225,200	--	--	4,100	26.6
S. EAST	43,100	39,700	32.7	1,296,400	2,675,900	5,700	64.0	34,000	27.4
STATE	1,100,000	1,040,000	39.0	40,560,000	87,204,000	235,000	63.0	805,000	32.0

BARLEY VARIETIES — 1974-1980

Variety	1974	1975	1976	1977	1978	1979	1980
Percent of Total Seeded Acreage							
Piroline	35.8	25.2	24.8	37.8	31.9	28.7	29.6
Hector	.2	9.1	11.2	14.3	14.9	17.5	20.4
Klages	.2	.6	2.5	6.1	12.7	13.6	10.3
Shabet	8.4	8.4	17.0	5.0	4.4	5.1	5.8
Fairfield	--	--	--	--	--	1.6	5.1
Unitan	16.5	10.0	8.9	7.9	6.1	5.1	5.0
Compana	8.0	13.3	5.5	3.0	6.0	2.8	3.2
Summit	--	--	--	--	1.0	4.0	2.9
Ingrid	2.1	2.5	2.4	2.5	2.0	2.0	2.4
Steptoe	6.8	11.0	9.0	4.7	4.8	3.8	2.1
Larker	.8	1.3	.9	3.7	2.5	1.7	2.1
Betzes	6.0	4.5	5.1	2.8	2.8	2.6	1.7
Vireo	--	--	--	--	.2	.5	1.1
Hypana	2.9	1.5	1.5	2.6	3.1	1.6	1.0
Morex	--	--	--	--	--	.1	1.0
Horsford	.9	.9	1.0	.5	1.4	2.6	.7
Dekap	--	--	--	--	--	--	.7
Moravian III	--	--	--	.4	.3	.3	.7
Purcell	--	--	--	--	--	--	.6
Vanguard	2.7	2.1	.9	.5	.9	.5	.3
Freja	--	--	--	--	.2	.2	.2
Other ¹	8.7	9.6	9.3	8.2	4.8	5.7	3.1
STATE TOTAL	100.00	100.0	100.0	100.0	100.0	100.0	100.0

¹Includes minor and unknown varieties.

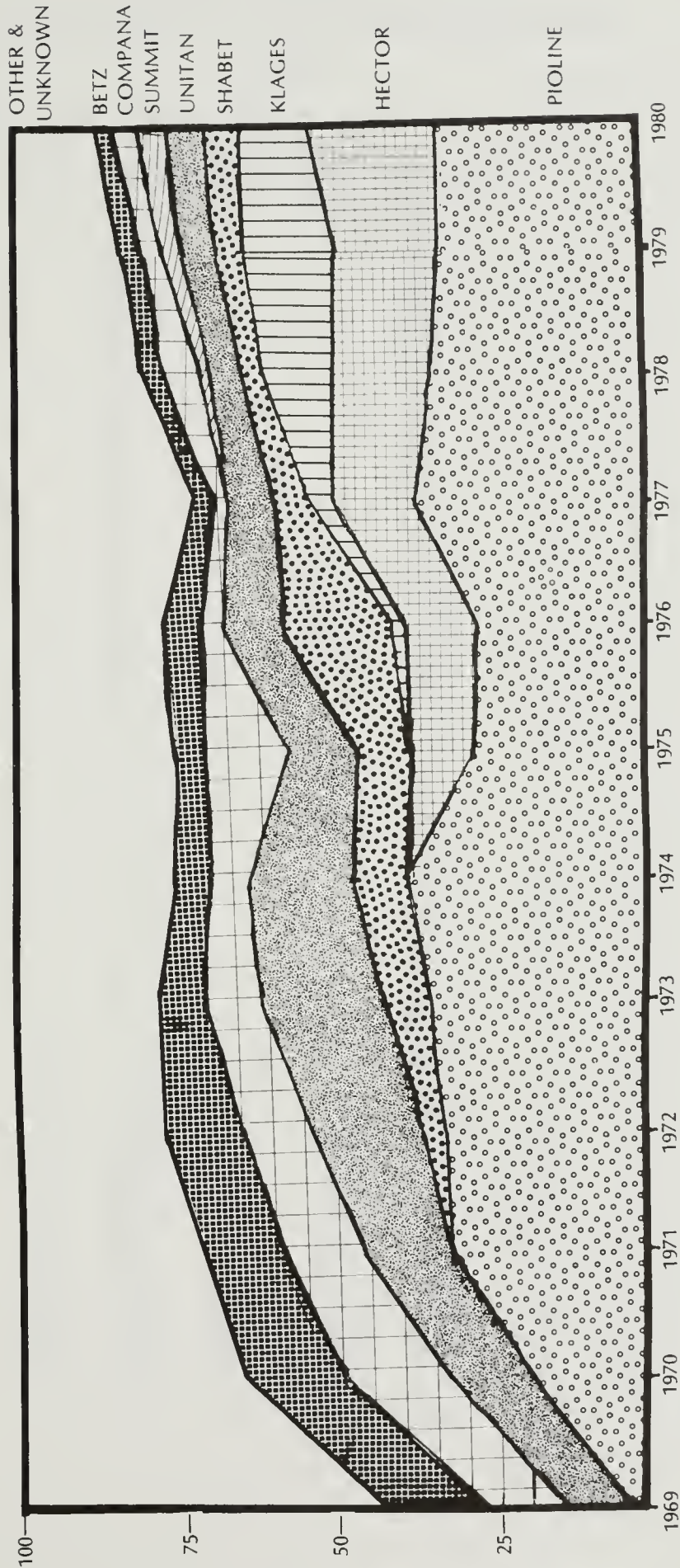
BARLEY VARIETIES — 1980

Seeded Acreage by District

Variety	N. WEST	N. CENT.	N. EAST	CENT.	S. WEST	S. CENT.	S. EAST	STATE
Thousands								
Piroline	.6	219.1	27.1	82.3	11.1	4.1	5.2	349.5
Hector	5.1	33.3	47.4	57.8	.4	62.0	34.3	240.3
Klages	1.1	84.0	--	23.8	13.1	--	--	122.0
Shabet	--	55.2	5.0	1.1	6.5	--	--	67.8
Fairfield	--	44.0	--	16.2	--	--	--	60.2
Unitan	7.8	9.8	11.5	6.6	7.9	9.4	5.9	58.9
Compana	.2	16.4	3.4	9.8	1.4	7.1	--	38.3
Summit	--	9.8	4.9	2.8	13.2	2.4	1.3	34.4
Ingrid	22.2	--	--	1.7	--	4.2	--	28.1
Steptoe	--	1.6	4.6	4.9	2.0	8.6	3.1	24.8
Larker	--	7.5	11.0	1.3	--	--	4.4	24.2
Betzes	--	8.6	5.9	5.8	--	--	--	20.3
Vireo	9.5	--	--	--	--	4.0	--	13.5
Hypana	--	2.0	6.9	1.5	--	--	1.7	12.1
Morex	--	10.6	1.1	--	--	--	--	11.7
Horsford	.5	2.6	--	1.3	1.5	1.7	.8	8.4
Dekap	--	8.3	--	--	--	--	--	8.3
Moravian III	.5	7.5	--	--	--	--	--	8.0
Purcell	4.9	--	--	2.4	--	--	--	7.3
Horned	--	--	5.2	--	--	--	--	5.2
Vanguard	--	--	2.1	--	1.1	--	--	3.2
Stepford	--	2.2	--	--	--	--	--	2.2
Freja	1.9	--	--	--	--	--	--	1.9
Palliser	--	--	--	.9	--	--	--	.9
Georgy	--	--	--	--	.7	--	--	.7
Unknown barley ¹	.7	1.5	2.9	14.8	.1	4.5	3.3	27.8
TOTAL	55.0	524.0	139.0	235.0	59.0	108.0	60.0	1180.0

¹Includes minor and unknown varieties.

BARLEY
Major Varieties as Percent of Total Acreage — 1965-1980



CORN — 1978

Acres, Utilization, Silage Yield by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES				HARVESTED FOR SILAGE			
	Planted	Har- vested for Grain	Har- vested for Forage and Grazed	Har- vested for Silage	Irrigated		Not Irrigated	
					Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
						Tons		Tons
Flathead	100	--	--	100	100	20.0	--	--
Lake	1,600	--	--	1,600	1,600	21.0	--	--
Missoula	300	--	--	300	300	20.0	--	--
Ravalli	400	--	--	400	400	22.0	--	--
Sanders	100	--	--	100	--	--	100	13.0
N. WEST	2,500	--	--	2,500	2,400	21.0	100	13.0
Blaine	1,500	--	--	1,500	1,500	19.0	--	--
Chouteau	100	--	--	100	100	23.0	--	--
Hill	300	--	--	300	300	20.0	--	--
Liberty	100	--	--	100	100	23.0	--	--
Phillips	500	--	--	500	500	21.0	--	--
Pondera	100	--	--	100	100	22.0	--	--
Teton	200	--	--	200	200	21.0	--	--
N. CENTRAL	2,800	--	--	2,800	2,800	20.0	--	--
Daniels	100	--	--	100	100	19.0	--	--
Dawson	4,200	400	300	3,300	2,800	23.0	500	7.0
Garfield	1,300	100	100	1,000	1,000	21.0	--	--
McCone	400	100	--	300	300	19.0	--	--
Richland	10,700	1,500	1,700	6,800	5,800	22.0	1,000	6.0
Roosevelt	1,100	--	300	600	400	20.0	200	8.0
Sheridan	200	--	--	200	200	21.0	--	--
Valley	3,100	--	100	2,900	2,000	22.0	900	5.0
N. EAST	21,100	2,100	2,500	15,200	12,600	22.0	2,600	6.0
Broadwater	100	--	--	100	100	20.0	--	--
Cascade	400	--	--	400	400	22.0	--	--
Fergus	400	--	--	400	400	21.0	--	--
Golden Valley	300	--	--	300	300	20.0	--	--
Judith Basin	500	--	--	500	500	20.0	--	--
Musselshell	1,100	--	--	1,100	1,100	19.0	--	--
Petroleum	100	--	--	100	100	19.0	--	--
CENTRAL	2,900	--	--	2,900	2,900	20.0	--	--
Gallatin	200	--	--	200	200	22.0	--	--
S. WEST	200	--	--	200	200	22.0	--	--
Big Horn	4,700	100	200	4,200	4,200	23.0	--	--
Carbon	5,200	100	200	4,700	4,700	22.0	--	--
Stillwater	3,400	--	--	3,400	2,100	22.0	1,300	5.0
Treasurer	4,200	500	--	3,500	3,500	21.0	--	--
Yellowstone	18,000	500	300	16,900	16,900	22.0	--	--
S. CENTRAL	35,500	1,200	700	32,700	31,400	22.0	1,300	5.0
Carter	400	--	--	400	400	20.0	--	--
Custer	8,800	200	300	8,000	7,600	23.0	400	5.0
Fallon	1,400	200	--	1,200	1,200	21.0	--	--
Powder River	200	--	--	200	200	19.0	--	--
Prairie	4,400	100	100	4,100	4,000	23.0	100	100
Rosebud	6,900	1,200	300	5,100	5,100	24.0	--	--
Wibaux	900	--	100	700	200	19.0	500	6.0
S. EAST	23,000	1,700	800	19,700	18,700	23.0	1,000	6.0
STATE	88,000	5,000	4,000	76,000	71,000	22.1	5,000	5.9

CORN — 1979

Acreage, Utilization, Silage Yield by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES				HARVESTED FOR SILAGE			
	Planted	Har- vested for Grain	Har- vested for Forage and Grazed	Har- vested for Silage	Irrigated		Not Irrigated	
					Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
						Tons		Tons
Flathead	100	--	--	100	100	13.0	--	--
Lake	1,900	--	--	1,800	1,800	15.0	--	--
Mineral	150	--	--	150	150	14.0	--	--
Missoula	300	--	--	300	300	15.0	--	--
Ravalli	350	--	--	350	300	16.0	--	--
Sanders	100	--	--	100	100	15.0	--	--
N. WEST	2,900	--	--	2,800	2,800	15.0	--	--
Blaine	1,500	--	100	1,300	1,300	14.0	--	--
Chouteau	100	--	--	100	100	13.0	--	--
Glacier	100	--	--	100	100	12.0	--	--
Hill	200	--	--	200	200	15.0	--	--
Liberty	200	--	--	200	200	14.0	--	--
Phillips	300	--	100	200	200	14.0	--	--
Pondera	100	--	--	100	100	15.0	--	--
Teton	100	--	--	100	100	14.0	--	--
N. CENTRAL	2,600	--	200	2,300	2,300	14.0	--	--
Dawson	5,600	800	300	4,300	3,800	16.0	500	7.0
Garfield	1,200	--	200	1,000	900	16.0	100	4.0
McCone	400	--	--	400	300	14.0	100	4.0
Richland	10,400	1,100	1,400	7,500	6,500	16.0	1,000	6.0
Roosevelt	900	--	400	500	400	16.0	100	5.0
Sheridan	100	--	--	100	100	12.0	--	--
Valley	2,000	100	400	1,500	1,000	17.0	500	6.0
N. EAST	20,600	2,000	2,700	15,300	13,000	16.0	2,300	6.0
Broadwater	100	--	--	100	100	15.0	--	--
Cascade	900	--	--	900	900	16.0	--	--
Fergus	500	--	--	500	500	14.0	--	--
Golden Valley	200	--	--	200	200	16.0	--	--
Judith Basin	200	--	--	200	200	14.0	--	--
Lewis & Clark	50	--	--	50	50	10.0	--	--
Musselshell	1,300	--	--	1,200	1,200	15.0	--	--
Petroleum	50	--	--	50	50	12.0	--	--
CENTRAL	3,300	--	--	3,200	3,200	15.0	--	--
Gallatin	350	--	--	350	350	16.0	--	--
Jefferson	50	--	--	50	50	16.0	--	--
S. WEST	400	--	--	400	400	16.0	--	--
Big Horn	5,000	100	--	4,700	4,700	16.0	--	--
Carbon	5,200	100	100	4,800	4,800	19.0	--	--
Stillwater	3,000	--	--	2,900	2,400	17.0	500	4.0
Treasurer	4,300	400	--	3,600	3,500	20.0	100	4.0
Yellowstone	18,400	400	300	16,900	16,600	18.0	300	4.0
S. CENTRAL	35,900	1,000	400	32,900	32,000	18.0	900	4.0
Carter	500	--	--	500	400	15.0	100	5.0
Custer	7,200	400	400	6,200	5,600	17.0	600	5.0
Fallon	1,100	400	--	700	700	15.0	--	--
Powder River	200	--	--	200	200	14.0	--	--
Prairie	4,000	200	--	3,700	3,300	16.0	400	6.0
Rosebud	5,700	1,000	200	4,300	3,900	15.0	400	4.0
Wibaux	600	--	100	500	200	15.0	300	5.0
S. EAST	19,300	2,000	700	16,100	14,300	16.0	1,800	5.0
STATE	85,000	5,000	4,000	73,000	68,000	16.8	5,000	5.3

CORN FOR GRAIN — 1978 and 1979**Acreage, Yield, Production and Value by Counties — Principally Irrigated**

COUNTY & DISTRICT	1978				1979			
	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Pro- duction	Value
			Bushels	Dollars			Bushels	Dollars
Dawson	400	72.0	28,800	64,200	800	75.0	60,000	144,000
Garfield	100	76.0	7,600	17,000	--	--	--	--
McCone	100	76.0	7,600	17,000	--	--	--	--
Richland	1,500	70.0	105,000	234,200	1,100	77.0	84,700	203,300
Valley	--	--	--	--	100	73.0	7,300	17,500
N. EAST	2,100	71.0	149,000	332,400	2,000	76.0	152,000	364,800
Big Horn	100	71.0	7,100	15,800	100	76.0	7,600	18,200
Carbon	100	71.0	7,100	15,800	100	74.0	7,400	17,800
Treasure	500	72.0	36,000	80,300	400	77.0	30,800	73,900
Yellowstone	500	70.0	35,000	78,100	400	78.0	31,200	74,900
S. CENTRAL	1,200	71.0	85,200	190,000	1,000	77.0	77,000	184,800
Custer	200	69.0	13,800	30,800	400	80.0	32,000	76,800
Fallon	200	70.0	14,000	31,200	400	77.0	30,800	73,900
Prairie	100	68.0	6,800	15,200	200	76.0	15,200	36,500
Rosebud	1,200	76.0	91,200	203,400	1,000	78.0	78,000	187,200
S. EAST	1,700	74.0	125,800	280,600	2,000	78.0	156,000	374,400
STATE	5,000	72.0	360,000	803,000	5,000	77.0	385,000	924,000

POTATOES — 1978 and 1979**Acreage, Yield, Production and Value by Counties — Principally Irrigated**

COUNTY & DISTRICT	1978					1979				
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value
				Cwt.	Dollars				Cwt.	
Deer Lodge & Powell	600	590	200	118,000	472,000	450	450	180	81,000	356,400
Flathead	1,200	1,180	210	247,800	991,200	1,000	1,000	230	230,000	1,012,000
Lake	2,800	2,770	250	692,500	2,770,000	2,200	2,200	240	528,000	2,323,200
Ravalli	490	480	230	110,400	441,600	240	240	230	55,200	242,900
Other Counties	10	10	230	2,300	9,200	10	10	230	2,300	10,100
N. WEST	5,100	5,030	233	1,171,000	4,684,000	3,900	3,900	230	896,500	3,944,600
N. CENTRAL ...	100	100	140	14,000	56,000	100	100	130	13,000	57,300
N. EAST	100	100	80	8,000	32,000	100	100	100	10,000	44,000
Broadwater	650	640	210	134,400	537,600	550	550	210	115,500	508,300
Cascade	50	50	250	12,500	50,000	50	50	200	10,000	44,000
Other Counties	50	50	170	8,500	34,000	50	50	170	8,500	37,200
CENTRAL	750	740	210	155,400	621,600	650	650	206	134,000	589,500
Beaverhead	350	350	210	73,500	294,000	350	350	220	77,000	338,800
Gallatin	2,100	2,080	294	611,600	2,446,400	2,200	2,200	288	634,000	2,789,600
Madison	150	150	190	28,500	114,000	50	50	200	10,000	44,000
S. WEST	2,600	2,580	277	713,600	2,854,400	2,600	2,600	277	721,000	3,172,400
Carbon	50	50	200	10,000	40,000	50	50	200	10,000	44,000
Other Counties	50	50	200	10,000	40,000	50	50	200	10,000	44,000
S. CENTRAL ...	100	100	200	20,000	80,000	100	100	200	20,000	88,000
SOUTHEAST ...	50	50	120	6,000	24,000	50	50	110	5,500	24,200
STATE	8,800	8,700	240	2,088,000	8,352,000	7,500	7,500	240	1,800,000	7,920,000

SUGARBEETS — 1978-1979**Acreage, Yield, Production and Value by Counties — All Irrigated**

COUNTY & DISTRICT	1978					1979				
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value
			Tons		Dollars				Tons	Dollars
Ravalli	310	310	18.7	5,800	173,400	--	--	--	--	--
N. WEST	310	310	18.7	5,800	173,400	--	--	--	--	--
Blaine	240	240	17.9	4,300	128,600	--	--	--	--	--
N. CENTRAL ...	240	240	17.9	4,300	128,600	--	--	--	--	--
Dawson	2,850	2,840	20.8	59,200	1,770,100	3,510	3,370	17.7	59,670	1,927,300
Richland	11,230	11,200	22.5	252,300	7,543,900	10,710	10,530	19.0	199,970	6,459,100
N. EAST	14,080	14,040	22.2	311,500	9,314,000	14,220	13,900	18.7	259,640	8,386,400
Broadwater	1,720	1,700	13.2	22,400	669,800	--	--	--	--	--
CENTRAL	1,720	1,700	13.2	22,400	669,800	--	--	--	--	--
Big Horn	3,680	3,560	20.5	73,100	2,185,700	4,510	4,450	19.7	87,480	2,825,700
Carbon	7,400	7,390	18.4	135,800	4,060,500	7,720	7,620	16.6	126,500	4,086,000
Stillwater	1,080	1,060	16.9	17,900	535,200	1,130	1,090	19.5	21,220	685,400
Treasure	3,930	3,690	20.8	76,700	2,293,400	3,920	3,880	22.6	87,580	2,828,800
Yellowstone	10,070	9,860	18.0	177,900	5,319,400	10,530	10,390	19.5	202,920	6,554,400
S. CENTRAL	26,160	25,560	18.8	481,400	14,394,200	27,810	27,430	19.2	525,700	16,980,300
Prairie	1,610	1,600	21.0	33,600	1,004,600	770	770	19.4	14,940	482,600
Rosebud	1,280	1,250	20.8	26,000	777,400	1,300	1,300	22.1	28,720	927,700
S. EAST	2,890	2,850	20.9	59,600	1,782,000	2,070	2,070	21.1	43,660	1,410,300
STATE	45,400	44,700	19.8	885,000	26,462,000	44,100	43,400	19.1	829,000	26,777,000

DRY BEANS — 1978-1979**Acreage, Yield, Production and Value by Counties — All Irrigated**

COUNTY & DISTRICT	1978					1979				
	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Planted	Acres Har- vested	Yield per Acre	Pro- duction	Value
			100 Lb. bag (cleaned)		Dollars				100 Lb. bag (cleaned)	Dollars
Chouteau	350	350	10.0	3,500	57,750	--	--	--	--	--
N. CENTRAL ...	350	350	10.0	3,500	57,750	--	--	--	--	--
Dawson	1,500	1,500	15.0	22,500	371,250	1,600	1,600	17.0	27,200	680,000
Garfield	100	100	10.0	1,000	16,500	--	--	--	--	--
Richland	1,600	1,600	15.0	24,000	396,000	3,300	3,200	18.0	57,600	1,440,000
Roosevelt	--	--	--	--	--	500	500	12.0	6,000	150,000
N. EAST	3,200	3,200	14.8	47,500	783,750	5,400	5,300	17.1	90,800	2,270,000
Big Horn	500	500	13.0	6,500	107,250	500	500	18.0	9,000	225,000
Carbon	1,450	1,450	16.0	23,200	382,800	1,600	1,400	20.0	28,000	700,000
Stillwater	150	150	14.0	2,100	34,650	100	100	17.0	1,700	42,500
Treasurer	700	700	15.0	10,500	173,250	600	600	19.0	11,400	285,000
Yellowstone	950	950	16.0	15,200	250,800	700	700	20.0	14,000	350,000
S. CENTRAL	3,750	3,750	15.3	57,500	948,750	3,500	3,300	19.4	64,100	1,602,500
Custer	400	400	15.0	6,000	99,000	400	400	18.0	7,200	180,000
Prairie	300	300	17.0	5,100	84,150	400	400	18.0	7,200	180,000
Rosebud	400	400	16.0	6,400	105,600	300	300	19.0	5,700	142,500
S. EAST	1,100	1,100	15.9	17,500	288,750	1,100	1,100	18.0	20,100	502,500
STATE	8,400	8,400	15.0	126,000	2,079,000	10,000	9,700	19.0	175,000	4,375,000

OATS — 1978

Acres, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harv. for Grain	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge	300	100	47.0	4,700	7,000	--	--	100	47.0
Flathead	3,500	1,900	61.7	117,200	173,400	900	68.0	1,000	56.0
Granite	300	100	47.0	4,700	7,000	--	--	100	47.0
Lake	3,500	2,000	61.4	122,800	181,700	1,200	65.0	800	56.0
Lincoln	500	300	51.3	15,400	22,800	200	58.0	100	38.0
Mineral	300	100	45.0	4,500	6,700	--	--	100	45.0
Missoula	1,500	700	59.3	41,500	61,400	400	64.0	300	53.0
Powell	2,300	1,000	53.0	53,000	78,400	600	59.0	400	44.0
Ravalli	5,000	2,400	54.6	131,100	194,000	1,500	64.0	900	39.0
Sanders	800	400	49.0	19,600	29,000	100	58.0	300	46.0
N. WEST	18,000	9,000	57.2	514,500	761,400	4,900	64.0	4,100	49.0
Blaine	17,800	6,000	49.9	299,600	366,300	1,100	63.0	4,900	47.0
Chouteau	18,700	6,200	44.4	275,100	336,300	500	60.0	5,700	43.0
Glacier	1,800	1,000	42.0	42,000	51,400	100	60.0	900	40.0
Hill	23,200	9,700	44.4	430,700	526,600	900	58.0	8,800	43.0
Liberty	4,800	1,700	45.0	76,500	93,500	--	--	1,700	45.0
Phillips	22,700	10,000	49.7	497,200	609,900	1,600	64.0	8,400	47.0
Pondera	4,700	2,400	54.5	130,800	159,900	600	65.0	1,800	51.0
Teton	3,500	2,000	42.0	84,000	102,700	500	60.0	1,500	36.0
Toole	4,800	2,000	50.5	100,900	123,400	100	59.0	1,900	50.0
N. CENTRAL	102,000	41,000	47.2	1,936,800	2,370,000	5,400	62.0	35,600	45.0
Daniels	10,000	4,000	52.0	208,000	227,600	--	--	4,000	52.0
Dawson	11,400	8,000	57.8	462,300	505,800	900	64.0	7,100	57.0
Garfield	9,300	7,000	57.0	399,000	436,600	--	--	7,000	57.0
McCone	14,700	6,500	51.0	331,500	362,700	--	--	6,500	51.0
Richland	20,700	14,500	56.1	812,900	889,500	2,200	62.0	12,300	55.0
Roosevelt	18,800	9,000	49.2	442,600	484,300	200	57.0	8,800	49.0
Sheridan	21,600	10,000	51.2	512,000	560,200	500	55.0	9,500	51.0
Valley	28,500	11,000	52.7	580,000	634,700	1,000	60.0	10,000	52.0
N. EAST	135,000	70,000	53.5	3,748,300	4,101,400	4,800	61.0	65,200	53.0
Broadwater	2,600	2,000	55.9	111,800	146,800	1,300	65.0	700	39.0
Cascade	10,500	4,200	46.4	195,000	256,100	800	61.0	3,400	43.0
Fergus	6,800	5,400	48.3	260,600	342,100	100	62.0	5,300	48.0
Golden Valley . . .	4,000	2,500	44.8	111,900	146,900	600	63.0	1,900	39.0
Judith Basin	13,300	8,000	49.2	393,300	516,300	100	62.0	7,900	49.0
Lewis & Clark . . .	4,000	2,600	56.3	146,400	192,200	1,600	64.0	1,000	44.0
Meagher	3,000	2,000	50.2	100,400	131,800	200	61.0	1,800	49.0
Musselshell	2,400	1,700	45.7	77,700	102,000	400	61.0	1,300	41.0
Petroleum	600	400	46.0	18,400	24,200	--	--	400	46.0
Wheatland	4,800	3,200	46.9	150,000	197,000	400	60.0	2,800	45.0
CENTRAL	52,000	32,000	48.9	1,565,500	2,055,400	5,500	63.0	26,500	46.0
Beaverhead	1,800	900	56.0	50,400	74,600	600	63.0	300	42.0
Gallatin	5,400	2,700	51.0	137,800	203,900	800	63.0	1,900	46.0
Jefferson	2,400	1,700	57.1	97,100	143,700	1,000	67.0	700	43.0
Madison	2,800	1,400	61.0	85,400	126,400	1,000	67.0	400	46.0
Silver Bow	600	300	61.0	18,300	27,100	300	61.0	--	--
S. WEST	13,000	7,000	55.6	389,000	575,700	3,700	65.0	3,300	45.0
Big Horn	4,400	2,400	53.0	127,100	190,600	700	65.0	1,700	48.0
Carbon	3,300	2,300	54.6	125,500	188,200	1,000	67.0	1,300	45.0
Park	3,100	2,200	55.5	122,000	183,000	1,200	65.0	1,000	44.0
Stillwater	4,600	3,300	47.7	157,500	236,200	500	63.0	2,800	45.0
Sweet Grass	5,400	3,800	51.9	197,200	295,700	1,500	64.0	2,300	44.0
Treasure	1,000	700	58.7	41,100	61,600	400	66.0	300	49.0
Yellowstone	3,200	2,300	55.0	126,500	189,700	1,300	65.0	1,000	42.0
S. CENTRAL	25,000	17,000	52.8	896,900	1,345,000	6,600	65.0	10,400	45.0
Carter	9,200	5,800	48.0	278,400	328,900	--	--	5,800	48.0
Custer	6,200	3,000	48.7	146,200	172,700	400	60.0	2,600	47.0
Fallon	16,400	8,200	46.0	377,100	445,400	--	--	8,200	46.0
Powder River	4,200	2,900	46.1	133,600	157,800	500	56.0	2,400	44.0
Prairie	3,900	2,200	51.2	112,600	133,000	200	63.0	2,000	50.0
Rosebud	4,600	3,000	47.5	142,400	168,200	800	57.0	2,200	44.0
Wibaux	10,500	6,900	53.1	366,700	433,100	200	58.0	6,700	53.0
S. EAST	55,000	32,000	48.7	1,557,000	1,839,100	2,100	58.0	29,900	48.0
STATE	400,000	208,000	51.0	10,608,000	13,048,000	33,000	63.0	175,000	48.7

OATS — 1979

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL					IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harv. for Grain	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Bushels		Dollars		Bu.		Bu.
Deer Lodge . . .	300	100	36.0	3,600	6,100	--	--	100	36.0
Flathead	2,800	1,500	37.0	55,500	94,200	700	46.0	800	29.1
Granite	300	100	36.0	3,600	6,100	--	--	100	36.0
Lake	3,200	1,700	55.0	93,500	158,700	1,300	59.0	400	42.0
Lincoln	600	200	50.0	10,000	17,000	200	50.0	--	--
Mineral	400	200	46.0	9,200	15,600	200	46.0	--	--
Missoula	1,700	600	41.0	24,600	41,700	400	48.0	200	27.0
Powell	2,400	700	37.0	25,900	43,900	500	41.0	200	27.0
Ravalli	4,500	2,500	61.0	152,500	258,800	2,000	70.0	500	25.0
Sanders	800	400	34.0	13,600	23,100	200	41.0	200	27.0
N. WEST	17,000	8,000	49.0	392,000	665,200	5,500	57.3	2,500	30.7
Blaine	20,000	4,500	43.0	193,500	265,200	1,400	67.0	3,100	32.2
Chouteau	17,700	5,000	39.0	195,000	267,200	400	71.0	4,600	36.2
Glacier	2,300	500	37.0	18,500	25,400	200	50.0	300	28.3
Hill	28,500	6,800	34.0	231,100	316,700	1,100	52.0	5,700	30.5
Liberty	6,500	1,300	33.0	42,900	58,800	--	--	1,300	33.0
Phillips	19,000	4,700	42.0	197,400	270,500	1,000	52.0	3,700	39.3
Pondera	4,500	1,800	43.0	77,400	106,100	500	59.0	1,300	36.8
Teton	4,000	2,500	48.0	120,000	164,400	900	52.0	1,600	45.8
Toole	5,500	900	48.0	43,200	59,200	100	55.0	800	47.1
N. CENTRAL . . .	108,000	28,000	40.0	1,119,000	1,533,500	5,600	57.7	22,400	35.5
Daniels	10,000	2,000	26.0	52,000	65,500	--	--	2,000	26.0
Dawson	10,500	2,500	28.0	70,000	88,200	600	43.0	1,900	23.3
Garfield	6,500	4,500	21.0	94,500	119,100	--	--	4,500	21.0
McCone	13,500	4,500	21.0	94,500	119,100	--	--	4,500	21.0
Richland	15,500	8,000	38.0	304,000	383,000	1,500	52.0	6,500	34.8
Roosevelt	15,500	5,000	35.0	175,000	220,400	400	37.0	4,600	34.8
Sheridan	11,000	2,000	27.0	54,000	68,000	300	32.0	1,700	26.1
Valley	24,500	5,500	38.0	209,000	263,300	600	46.0	4,900	37.0
N. EAST	107,000	34,000	31.0	1,053,000	1,326,600	3,400	45.8	30,600	29.3
Broadwater . . .	2,200	1,600	59.0	94,400	137,300	1,300	66.0	300	28.7
Cascade	8,000	4,500	38.0	171,000	248,700	900	44.0	3,600	36.5
Fergus	8,500	6,600	32.0	211,200	307,200	100	60.0	6,500	31.6
Golden Valley . .	4,000	2,000	30.0	60,000	87,200	600	51.0	1,400	21.0
Judith Basin . . .	12,100	8,100	35.0	283,500	412,300	100	60.0	8,000	34.7
Lewis & Clark . .	3,400	2,000	47.0	94,000	136,700	1,600	50.0	400	35.0
Meagher	3,300	1,600	38.0	60,800	88,400	400	53.0	1,200	33.0
Musselshell . . .	2,400	1,500	33.0	49,500	72,000	400	51.0	1,100	26.5
Petroleum	600	300	32.0	9,600	14,000	--	--	300	32.0
Wheatland	5,500	2,800	40.0	112,000	162,900	700	55.0	2,100	35.0
CENTRAL	50,000	31,000	37.0	1,146,000	1,666,700	6,100	53.0	24,900	33.1
Beaverhead . . .	1,500	1,000	48.0	48,000	73,600	700	54.4	300	33.0
Gallatin	5,100	3,700	50.0	185,000	283,600	1,200	77.0	2,500	37.0
Jefferson	2,300	1,800	40.0	72,000	110,400	1,000	50.0	800	27.5
Madison	2,500	1,200	60.0	72,000	110,400	900	70.0	300	30.0
Silver Bow	600	300	50.0	15,000	23,000	300	50.0	--	--
S. WEST	12,000	8,000	49.0	392,000	601,000	4,100	63.0	3,900	33.2
Big Horn	3,600	2,100	57.0	119,700	189,600	900	76.0	1,200	42.8
Carbon	4,700	2,300	56.0	128,800	204,100	1,400	66.0	900	40.4
Park	4,300	2,400	61.0	146,400	232,000	1,200	72.0	1,200	50.0
Stillwater	5,600	3,700	34.0	125,800	199,300	600	45.0	3,100	31.9
Sweet Grass . . .	4,800	2,200	54.0	118,800	188,200	1,400	63.0	800	38.3
Treasure	1,000	600	54.0	32,400	51,300	300	78.0	300	30.0
Yellowstone . . .	5,000	2,700	63.0	170,100	269,500	1,800	70.0	900	49.0
S. CENTRAL . . .	29,000	16,000	52.6	842,000	1,334,000	7,600	67.3	8,400	39.3
Carter	5,500	2,500	30.0	75,000	114,800	--	--	2,500	30.0
Custer	5,300	2,000	35.0	70,000	107,200	400	75.0	1,600	25.0
Fallon	10,000	3,000	36.0	108,000	165,400	--	--	3,000	36.0
Powder River . . .	2,200	1,500	31.0	46,500	71,200	400	47.5	1,100	25.0
Prairie	3,800	800	33.0	26,400	40,400	100	70.0	700	27.7
Rosebud	3,200	1,700	48.0	81,600	124,900	600	80.0	1,100	30.5
Wibaux	7,000	3,500	31.0	108,500	166,100	200	54.0	3,300	29.6
S. EAST	37,000	15,000	34.4	516,000	790,000	1,700	67.5	13,300	30.2
STATE	360,000	140,000	39.0	5,460,000	7,917,000	34,000	59.1	106,000	32.6

ALL HAY — 1978

Acres, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Tons	Dollars		Tons		Tons
Deer Lodge	11,800	1.88	22,200	949,900	11,600	1.89	200	1.50
Flathead	42,200	2.45	103,500	4,428,400	20,500	2.78	21,700	2.14
Granite	27,900	2.06	57,600	2,464,500	26,500	2.10	1,400	1.43
Lake	59,000	2.67	157,800	6,751,700	41,300	3.03	17,700	1.85
Lincoln	8,000	1.79	14,300	611,900	4,700	2.06	3,300	1.39
Mineral	2,500	2.28	5,700	243,900	1,200	2.75	1,300	1.85
Missoula	27,400	2.27	62,100	2,657,000	21,900	2.44	5,500	1.56
Powell	57,900	1.76	102,000	4,364,200	40,500	1.93	17,400	1.38
Ravalli	40,300	2.83	114,000	4,877,700	38,300	2.88	2,000	1.80
Sanders	28,800	2.23	64,100	2,742,600	15,500	2.71	13,300	1.66
N. WEST	305,800	2.30	703,300	30,091,800	222,000	2.51	83,800	1.75
Blaine	71,800	1.94	139,200	5,592,100	35,000	2.40	36,800	1.50
Chouteau	45,300	1.56	70,600	2,836,200	9,500	2.33	35,800	1.35
Glacier	26,700	1.84	49,000	1,968,500	9,700	2.40	17,000	1.51
Hill	40,400	1.28	51,900	2,085,000	8,500	1.99	31,900	1.10
Liberty	11,500	1.38	15,900	638,800	2,400	2.25	9,100	1.15
Phillips	81,700	1.94	158,400	6,363,500	49,500	2.02	32,200	1.81
Pondera	25,300	2.13	53,900	2,165,400	18,500	2.46	6,800	1.24
Teton	68,500	2.36	161,500	6,488,000	42,900	2.81	25,600	1.59
Toole	15,800	1.19	18,800	755,300	1,700	2.24	14,100	1.06
N. CENTRAL	387,000	1.86	719,200	28,892,800	177,700	2.37	209,300	1.42
Daniels	26,800	1.29	34,600	1,487,100	2,700	2.11	24,100	1.20
Dawson	38,000	1.35	51,400	2,209,200	5,800	2.67	32,200	1.11
Garfield	30,000	1.37	41,200	1,770,800	4,700	2.11	25,300	1.24
McCone	32,400	1.57	51,000	2,192,000	6,600	2.14	25,800	1.43
Richland	46,900	1.65	77,500	3,331,000	7,100	2.61	39,800	1.48
Roosevelt	56,100	1.40	78,600	3,378,200	5,700	2.60	50,400	1.27
Sheridan	36,100	1.26	45,400	1,951,300	1,800	2.00	34,300	1.22
Valley	65,400	2.00	130,600	5,613,200	26,600	2.67	38,800	1.54
N. EAST	331,700	1.54	510,300	21,932,800	61,000	2.51	270,700	1.32
Broadwater	23,000	2.88	66,300	3,009,200	18,400	3.28	4,600	1.30
Cascade	69,800	1.87	130,300	5,914,000	21,000	2.29	48,800	1.68
Fergus	128,800	1.77	227,600	10,330,300	19,300	2.43	109,500	1.65
Golden Valley	12,700	1.74	22,100	1,003,100	5,700	2.40	7,000	1.20
Judith Basin	59,800	1.56	93,000	4,221,100	12,900	1.68	46,900	1.52
Lewis & Clark	41,300	2.14	88,500	4,016,800	30,000	2.41	11,300	1.44
Meagher	44,000	1.82	80,200	3,640,100	34,300	1.98	9,700	1.28
Musselshell	21,100	1.67	35,200	1,597,600	7,400	2.76	13,700	1.08
Petroleum	22,600	1.92	43,400	1,969,800	12,400	2.21	10,200	1.57
Wheatland	42,000	1.76	73,900	3,354,200	25,200	2.14	16,800	1.18
CENTRAL	465,100	1.85	860,500	39,056,200	186,600	2.32	278,500	1.54
Beaverhead	139,400	1.78	248,000	11,047,100	136,600	1.79	2,800	1.18
Gallatin	69,400	2.51	174,500	7,773,100	47,600	2.84	21,800	1.79
Jefferson	24,600	1.85	45,400	2,022,300	22,000	1.94	2,600	1.04
Madison	73,700	2.56	188,400	8,392,300	70,000	2.61	3,700	1.59
Silver Bow	9,900	2.18	21,600	962,200	8,900	2.29	1,000	1.20
S. WEST	317,000	2.14	677,900	30,197,000	285,100	2.19	31,900	1.64
Big Horn	64,600	2.02	130,400	5,898,300	36,700	2.29	27,900	1.67
Carbon	49,300	2.34	115,300	5,215,300	37,900	2.63	11,400	1.37
Park	59,900	2.01	120,300	5,441,500	47,600	2.13	12,300	1.53
Stillwater	45,500	1.68	76,600	3,464,800	14,500	1.95	31,000	1.56
Sweet Grass	45,600	1.72	78,300	3,541,700	23,500	2.07	22,100	1.34
Treasure	9,900	1.92	19,000	859,400	4,100	2.17	5,800	1.74
Yellowstone	36,600	2.11	77,400	3,501,000	24,500	2.48	12,100	1.38
S. CENTRAL	311,400	1.98	617,300	27,922,000	188,800	2.29	122,600	1.51
Carter	69,800	1.51	105,200	5,017,500	10,100	1.85	59,700	1.45
Custer	43,300	1.83	79,400	3,787,000	12,500	2.78	30,800	1.45
Fallon	50,000	1.41	70,400	3,357,700	2,000	2.55	48,000	1.36
Powder River	58,600	1.60	94,000	4,483,300	9,600	2.49	49,000	1.43
Prairie	20,200	1.63	32,900	1,569,200	4,000	2.58	16,200	1.40
Rosebud	35,200	2.07	73,000	3,481,800	15,100	2.90	20,100	1.45
Wibaux	24,900	1.31	32,600	1,554,900	1,200	2.17	23,700	1.27
S. EAST	302,000	1.61	487,500	23,251,400	54,500	2.55	247,500	1.41
STATE	2,420,000	1.89	4,576,000	201,344,000	1,175,700	2.35	1,244,300	1.46

ALL HAY — 1979

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
		Tons		Dollars		Tons		Tons
Deer Lodge	12,700	2.09	26,600	1,466,000	12,500	2.10	200	1.50
Flathead	33,000	1.88	62,200	3,427,900	14,000	2.79	19,000	1.22
Granite	27,600	1.69	46,600	2,568,200	26,600	1.71	1,000	1.10
Lake	53,800	2.18	117,400	6,470,100	35,700	2.73	18,100	1.10
Lincoln	8,900	2.09	18,600	1,025,100	6,200	2.37	2,700	1.44
Mineral	2,800	2.29	6,400	352,700	1,700	2.82	1,100	1.45
Missoula	23,100	2.22	51,200	2,821,700	19,100	2.38	4,000	1.43
Powell	51,000	1.73	88,300	4,866,300	39,100	1.95	11,900	1.01
Ravalli	33,100	2.69	89,200	4,915,900	31,400	2.77	1,700	1.24
Sanders	32,100	1.99	63,900	3,521,600	19,300	2.46	12,800	1.28
N. WEST	278,100	2.05	570,400	31,435,500	205,600	2.35	72,500	1.19
Blaine	53,400	1.89	100,800	5,163,100	27,500	2.66	25,900	1.07
Chouteau	43,300	1.71	74,000	3,790,400	9,000	2.81	34,300	1.42
Glacier	26,300	1.77	46,500	2,381,800	9,100	2.87	17,200	1.19
Hill	27,200	1.47	39,900	2,043,700	9,200	2.12	18,000	1.13
Liberty	13,100	1.42	18,600	952,700	2,400	2.13	10,700	1.26
Phillips	82,400	1.39	114,500	5,864,800	37,500	1.75	44,900	1.08
Pondera	25,500	2.21	56,300	2,883,800	15,600	2.82	9,900	1.24
Teton	60,900	2.20	134,000	6,863,600	37,400	2.84	23,500	1.18
Toole	13,000	1.40	18,200	932,200	3,700	2.16	9,300	1.10
N. CENTRAL	345,100	1.75	602,800	30,876,100	151,400	2.46	193,700	1.19
Daniels	17,100	1.27	21,800	1,216,200	2,000	2.15	15,100	1.16
Dawson	42,000	1.51	63,600	3,548,300	9,400	2.52	32,600	1.22
Garfield	24,700	1.46	36,100	2,014,100	6,600	2.79	18,100	.98
McCone	33,100	1.47	48,700	2,717,000	5,700	2.68	27,400	1.22
Richland	41,100	1.47	60,300	3,364,200	5,700	3.18	35,400	1.19
Roosevelt	44,200	1.57	69,600	3,883,000	10,500	2.68	33,700	1.23
Sheridan	40,800	1.18	48,200	2,689,100	2,900	2.24	37,900	1.19
Valley	55,300	1.92	106,000	5,913,800	19,400	3.14	35,900	1.26
N. EAST	298,300	1.52	454,300	25,345,700	62,200	2.82	236,100	1.18
Broadwater	22,900	2.88	65,900	3,617,900	18,600	3.21	4,300	1.44
Cascade	76,700	1.88	143,900	7,900,000	25,600	2.98	51,100	1.32
Fergus	122,900	1.49	183,000	10,046,600	12,300	2.15	110,600	1.42
Golden Valley	14,700	1.43	21,000	1,152,900	6,700	2.04	8,000	.91
Judith Basin	56,300	1.44	81,100	4,452,300	8,000	2.05	48,300	1.34
Lewis & Clark	49,400	2.12	104,600	5,742,400	38,500	2.44	10,900	.99
Meagher	46,300	1.87	86,500	4,748,800	39,400	2.01	6,900	1.07
Musselshell	28,000	1.76	49,200	2,701,000	13,000	2.75	15,000	.89
Petroleum	22,800	1.89	43,200	2,371,600	12,400	2.65	10,400	1.00
Wheatland	33,100	1.69	56,000	3,074,400	19,900	2.25	13,200	.85
CENTRAL	473,100	1.76	834,400	45,807,900	194,400	2.46	278,700	1.28
Beaverhead	162,200	1.63	264,300	14,510,400	159,300	1.64	2,900	.97
Gallatin	74,100	2.76	204,600	11,232,800	52,900	3.22	21,200	1.60
Jefferson	23,800	1.79	42,600	2,338,800	21,400	1.86	2,400	1.17
Madison	89,000	2.21	196,300	10,777,100	82,300	2.27	6,700	1.40
Silver Bow	7,600	2.03	15,400	845,500	6,800	2.12	800	1.25
S. WEST	356,700	2.03	723,200	39,704,600	322,700	2.09	34,000	1.47
Big Horn	74,000	2.26	167,500	9,263,800	28,100	3.55	45,900	1.47
Carbon	48,000	2.45	117,800	6,515,100	32,800	3.08	15,200	1.11
Park	51,600	2.02	104,300	5,768,500	38,700	2.21	12,900	1.46
Stillwater	45,500	1.65	75,000	4,148,000	16,100	2.19	29,400	1.35
Sweet Grass	47,200	1.65	77,800	4,302,900	32,000	1.95	15,200	1.02
Treasure	15,200	1.88	28,500	1,576,200	7,100	2.96	8,100	.93
Yellowstone	39,000	2.24	87,500	4,839,300	26,400	2.85	12,600	.98
S. CENTRAL	320,500	2.05	658,400	36,413,800	181,200	2.65	139,300	1.28
Carter	61,400	1.21	74,500	4,041,600	9,300	2.12	52,100	1.05
Custer	50,800	1.79	90,800	4,925,800	17,400	3.48	33,400	.91
Fallon	45,500	1.12	51,100	2,772,100	3,300	2.70	42,200	1.00
Powder River	63,900	1.37	87,700	4,757,600	14,400	2.15	49,500	1.15
Prairie	17,800	1.26	22,400	1,215,200	4,700	2.30	13,100	.89
Rosebud	42,300	2.04	86,100	4,670,800	19,900	3.18	22,400	1.02
Wibaux	26,500	1.32	34,900	1,893,300	1,600	2.06	24,900	1.27
S. EAST	308,200	1.45	447,500	24,276,400	70,600	2.80	237,600	1.05
STATE	2,380,000	1.80	4,291,000	233,860,000	1,188,100	2.41	1,191,900	1.20

ALFALFA HAY — 1978

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Acres Har- vested	Yield per Acre
			Tons	Dollars		Tons		Tons
Deer Lodge	7,500	2.00	15,000	701,100	7,400	2.00	100	2.00
Flathead	21,000	3.00	63,000	2,944,400	7,000	3.90	14,000	2.55
Granite	14,200	2.14	30,400	1,420,800	13,000	2.20	1,200	1.50
Lake	40,500	3.07	124,500	5,818,800	25,900	3.70	14,600	1.97
Lincoln	4,000	2.15	8,600	401,900	1,900	2.90	2,100	1.48
Mineral	1,700	2.53	4,300	201,000	700	3.30	1,000	2.00
Missoula	13,400	2.54	34,000	1,589,000	9,400	2.90	4,000	1.68
Powell	22,800	2.12	48,300	2,257,400	16,200	2.30	6,600	1.67
Ravalli	21,800	3.54	77,100	3,603,400	19,900	3.70	1,900	1.84
Sanders	15,900	2.61	41,500	1,939,600	6,600	3.80	9,300	1.76
N. WEST	162,800	2.74	446,700	20,877,400	108,000	3.13	54,800	1.99
Blaine	28,100	2.80	78,600	3,385,000	19,700	3.20	8,400	1.86
Chouteau	19,200	2.08	39,900	1,718,300	7,400	2.60	11,800	1.75
Glacier	16,800	2.23	37,500	1,615,000	6,700	2.80	10,100	1.85
Hill	5,500	1.85	10,200	439,300	1,500	2.40	4,000	1.65
Liberty	3,100	1.94	6,000	258,400	800	3.00	2,300	1.57
Phillips	37,900	2.43	92,200	3,970,700	20,800	2.60	17,100	2.23
Pondera	15,600	2.67	41,600	1,791,600	13,600	2.80	2,000	1.75
Teton	46,600	2.87	133,800	5,762,200	34,700	3.10	11,900	2.20
Toole	3,200	2.06	6,600	284,200	800	3.00	2,400	1.75
N. CENTRAL	176,000	2.54	446,400	19,224,700	106,000	2.92	70,000	1.96
Daniels	7,500	1.86	14,000	642,500	1,500	2.60	6,000	1.68
Dawson	10,500	2.12	22,200	1,018,900	3,200	3.50	7,300	1.51
Garfield	11,100	2.05	22,800	1,046,600	3,300	2.30	7,800	1.95
McCone	7,700	2.25	17,400	798,600	3,500	2.50	4,200	2.05
Richland	15,900	2.23	35,500	1,629,300	3,200	3.40	12,700	1.94
Roosevelt	16,800	2.02	34,000	1,560,500	3,400	3.10	13,400	1.75
Sheridan	9,000	1.56	14,000	642,500	900	2.30	8,100	1.47
Valley	31,200	2.59	80,900	3,713,100	17,200	3.20	14,000	1.85
N. EAST	109,700	2.20	240,800	11,052,000	36,200	3.04	73,500	1.78
Broadwater	15,600	3.49	54,500	2,530,600	14,700	3.60	900	1.78
Cascade	57,200	2.00	114,600	5,321,200	17,200	2.50	40,000	1.79
Fergus	93,900	1.92	180,200	8,367,200	14,100	2.70	79,800	1.78
Golden Valley	9,000	2.01	18,100	840,500	4,500	2.70	4,500	1.31
Judith Basin	33,400	1.76	58,600	2,721,000	7,000	2.00	26,400	1.69
Lewis & Clark	23,800	2.67	63,600	2,953,100	19,000	2.90	4,800	1.77
Meagher	10,500	1.98	20,800	965,800	9,300	2.00	1,200	1.83
Musselshell	12,300	2.25	27,700	1,286,200	6,200	3.00	6,100	1.49
Petroleum	16,900	2.19	37,000	1,718,000	10,100	2.40	6,800	1.88
Wheatland	14,500	2.06	29,900	1,388,400	7,500	2.60	7,000	1.49
CENTRAL	287,100	2.11	605,000	28,092,000	109,600	2.70	177,500	1.74
Beaverhead	46,500	2.69	125,200	5,707,000	46,000	2.70	500	2.00
Gallatin	41,000	3.07	125,700	5,729,800	28,700	3.50	12,300	2.06
Jefferson	10,900	2.59	28,300	1,290,000	10,800	2.60	100	2.00
Madison	47,400	2.94	139,200	6,345,200	45,000	3.00	2,400	1.75
Silver Bow	4,200	2.95	12,400	565,200	4,100	3.00	100	1.00
S. WEST	150,000	2.87	430,800	19,637,200	134,600	2.97	15,400	2.00
Big Horn	43,200	2.34	101,100	4,736,400	21,600	2.80	21,600	1.88
Carbon	32,500	2.60	84,600	3,963,400	22,800	3.10	9,700	1.43
Park	30,100	2.32	69,800	3,270,100	22,600	2.50	7,500	1.77
Stillwater	33,300	1.79	59,500	2,787,500	6,700	2.30	26,600	1.66
Sweet Grass	25,100	1.93	48,400	2,267,500	12,600	2.30	12,500	1.55
Treasure	6,800	2.22	15,100	707,400	2,000	3.00	4,800	1.90
Yellowstone	19,400	2.88	55,800	2,614,200	13,600	3.30	5,800	1.88
S. CENTRAL	190,400	2.28	434,300	20,346,500	101,900	2.78	88,500	1.71
Carter	38,900	1.70	66,300	3,355,200	5,800	2.30	33,100	1.60
Custer	25,400	2.20	55,800	2,823,900	10,200	3.00	15,200	1.66
Fallon	32,200	1.56	50,200	2,540,500	1,600	2.90	30,600	1.49
Powder River	37,400	1.88	70,500	3,567,800	7,500	2.90	29,900	1.63
Prairie	6,700	2.48	16,600	840,100	2,000	3.90	4,700	1.87
Rosebud	28,100	2.30	64,500	3,264,100	12,600	3.20	15,500	1.56
Wibaux	5,300	1.91	10,100	511,100	800	2.50	4,500	1.80
S. EAST	174,000	1.92	334,000	16,902,700	40,500	2.97	133,500	1.60
STATE	1,250,000	2.35	2,938,000	136,132,500	636,800	2.92	613,200	1.76

ALFALFA HAY — 1979

Acreage, Yield, Production and Value by Counties — Irrigated and Not Irrigated

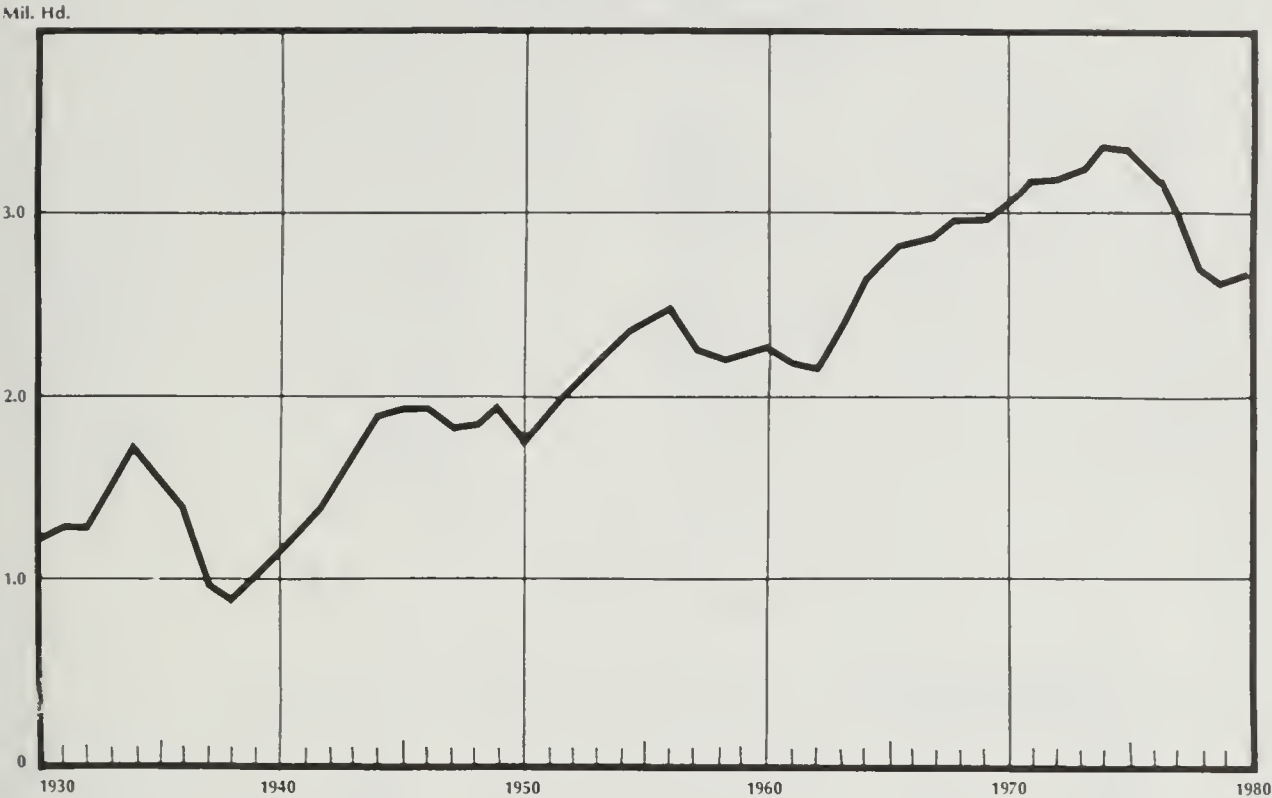
COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Harvested	Yield	Pro-	Value	Acres Har- vested	Yield	Acres Har- vested	Yield
		per	duction			per		per
		Acre				Acre		Acre
		Tons		Dollars		Tons		Tons
Deer Lodge	6,500	2.66	17,300	1,036,900	6,400	2.67	100	2.00
Flathead	15,900	2.47	39,300	2,355,500	7,200	3.53	8,700	1.60
Granite	7,100	2.30	16,300	977,000	6,700	2.34	400	1.50
Lake	37,900	2.43	92,000	5,514,200	24,600	3.10	13,300	1.18
Lincoln	5,000	2.66	13,300	797,200	3,500	3.11	1,500	1.60
Mineral	2,200	2.50	5,500	329,700	1,300	3.15	900	1.50
Missoula	11,000	2.52	27,700	1,660,300	9,400	2.67	1,600	1.60
Powell	17,100	1.97	33,700	2,019,900	13,700	2.14	3,400	1.30
Ravalli	17,200	3.52	60,600	3,632,200	16,300	3.63	900	1.50
Sanders	20,500	2.27	46,500	2,787,100	12,300	2.78	8,200	1.50
N. WEST	140,400	2.51	352,200	21,110,000	101,400	2.93	39,000	1.41
Blaine	28,700	2.60	74,600	4,402,500	20,100	3.20	8,600	1.20
Chouteau	25,100	2.06	51,600	3,045,200	6,300	3.41	18,800	1.60
Glacier	16,400	2.26	37,000	2,183,600	6,600	3.53	9,800	1.40
Hill	10,400	1.96	20,400	1,203,900	4,200	3.10	6,200	1.19
Liberty	3,900	1.59	6,200	365,900	600	3.20	3,300	1.30
Phillips	30,600	2.03	62,200	3,670,700	16,800	2.56	13,800	1.39
Pondera	17,600	2.65	46,600	2,760,100	13,200	3.10	4,400	1.30
Teton	34,500	3.06	105,600	6,232,000	27,600	3.42	6,900	1.62
Toole	3,600	2.19	7,900	466,200	1,800	2.91	1,800	1.50
N. CENTRAL	170,800	2.41	412,100	24,320,100	97,200	3.16	73,600	1.42
Daniels	5,600	1.93	10,800	646,800	800	3.25	4,800	1.71
Dawson	12,600	2.14	27,000	1,617,000	5,000	3.42	7,600	1.30
Garfield	10,100	2.20	22,200	1,329,600	5,100	3.20	5,000	1.18
McCone	8,200	2.15	17,600	1,054,100	4,500	3.00	3,700	1.11
Richland	18,100	2.03	36,700	2,197,900	4,500	3.62	13,600	1.50
Roosevelt	17,200	2.37	40,800	2,443,500	6,000	3.63	11,200	1.70
Sheridan	11,600	1.33	15,400	922,300	1,700	2.65	9,900	1.10
Valley	27,700	2.65	73,400	4,395,900	16,600	3.42	11,100	1.50
N. EAST	111,100	2.20	243,900	14,607,100	44,200	3.37	66,900	1.42
Broadwater	13,300	3.60	47,900	2,821,100	12,600	3.74	700	1.14
Cascade	63,400	2.05	129,800	7,644,800	21,600	3.31	41,800	1.39
Fergus	87,300	1.59	138,500	8,157,200	8,700	2.34	78,600	1.50
Golden Valley	8,900	1.72	15,300	901,100	4,400	2.45	4,500	1.00
Judith Basin	32,300	1.66	53,500	3,151,000	3,200	3.09	29,100	1.50
Lewis & Clark	28,700	2.74	78,700	4,635,200	23,000	3.20	5,700	.89
Meagher	14,000	1.97	27,600	1,625,500	11,900	2.14	2,100	1.00
Musselshell	17,900	2.20	39,300	2,314,600	10,700	3.00	7,200	1.00
Petroleum	13,300	2.44	32,500	1,914,100	8,600	3.20	4,700	1.06
Wheatland	15,300	1.87	28,600	1,684,400	8,400	2.67	6,900	.90
CENTRAL	294,400	2.01	591,700	34,849,000	113,100	3.01	181,300	1.38
Beaverhead	35,600	3.17	112,900	6,656,000	35,200	3.20	400	.75
Gallatin	46,600	3.29	153,400	9,043,700	35,000	3.85	11,600	1.60
Jefferson	10,100	2.22	22,400	1,320,600	9,100	2.35	1,000	1.00
Madison	43,900	2.72	119,200	7,027,500	41,700	2.78	2,200	1.50
Silver Bow	2,700	2.81	7,600	448,100	2,600	2.88	100	1.00
S. WEST	138,900	2.99	415,500	24,495,900	123,600	3.17	15,300	1.52
Big Horn	59,100	2.43	143,700	8,366,800	20,700	4.16	38,400	1.50
Carbon	34,400	2.62	90,000	5,240,100	20,600	3.63	13,800	1.10
Park	30,500	2.22	67,700	3,941,800	22,900	2.48	7,600	1.50
Stillwater	33,600	1.67	56,000	3,260,500	8,400	2.46	25,200	1.40
Sweet Grass	27,100	1.80	48,900	2,847,100	14,900	2.46	12,200	1.00
Treasure	10,500	2.14	22,500	1,310,000	5,200	3.31	5,300	1.00
Yellowstone	18,700	2.93	54,700	3,184,800	12,200	3.95	6,500	1.00
S. CENTRAL	213,900	2.26	483,500	28,151,100	104,900	3.24	109,000	1.32
Carter	37,700	1.40	52,900	3,105,700	5,700	2.67	32,000	1.18
Custer	27,300	2.59	70,600	4,144,700	15,000	3.74	12,300	1.18
Fallon	27,100	1.27	34,300	2,013,700	2,700	3.01	24,400	1.07
Powder River	52,200	1.46	76,100	4,467,700	13,000	2.24	39,200	1.20
Prairie	7,500	1.83	13,700	804,300	2,600	3.19	4,900	1.10
Rosebud	29,000	1.52	73,100	4,291,600	15,900	3.63	13,100	1.18
Wibaux	9,700	1.59	15,400	904,100	1,000	2.40	8,700	1.49
S. EAST	190,500	1.76	336,100	19,731,800	55,900	3.16	134,600	1.18
STATE	1,260,000	2.25	2,835,000	167,265,000	640,300	3.13	619,700	1.34

ALFALFA SEED — 1978-1979**Acreage, Yield, Production and Value of Production**

COUNTY & DISTRICTS	1978 TOTAL				1979 TOTAL			
	Acres Har- vested	Yield per Acre	Pro- duction	Value	Acres Har- vested	Yield per Acre	Pro- duction	Value
		Pounds	(Cleaned)	Dollars		Pounds	(Cleaned)	Dollars
Lake	--	--	--	--	50	50	2,500	2,100
Missoula	50	100	5,000	5,000	50	70	3,500	3,000
N. WEST	50	100	5,000	5,000	100	60	6,000	5,100
Blaine	100	150	15,000	15,000	100	90	9,000	7,700
Chouteau	200	110	22,000	22,000	800	175	140,000	119,000
Hill	--	--	--	--	100	70	7,000	6,000
Phillips	2,000	105	210,000	210,000	2,600	245	637,000	541,400
Pondera	300	130	39,000	39,000	100	100	10,000	8,500
N. CENTRAL	2,600	110	286,000	286,000	3,700	217	803,000	682,600
Daniels	50	100	5,000	5,000	--	--	--	--
Dawson	50	120	6,000	6,000	100	90	9,000	7,700
Garfield	150	100	15,000	15,000	200	140	28,000	23,800
McCone	100	90	9,000	9,000	50	50	2,500	2,100
Richland	50	100	5,000	5,000	50	50	2,500	2,100
Roosevelt	100	90	9,000	9,000	200	140	28,000	23,800
Valley	500	120	60,000	60,000	400	90	36,000	30,600
N. EAST	1,000	109	109,000	109,000	1,000	106	106,000	90,100
Fergus	100	90	9,000	9,000	100	80	8,000	6,800
Golden Valley	200	90	18,000	18,000	100	60	6,000	5,100
Musselshell	200	90	18,000	18,000	1,200	140	168,000	142,800
Petroleum	1,050	165	173,000	173,000	2,500	270	675,000	573,700
CENTRAL	1,550	141	218,000	218,000	3,900	220	857,000	728,400
Big Horn	1,900	80	152,000	152,000	5,500	160	880,000	748,000
Carbon	100	90	9,000	9,000	100	100	10,000	8,500
Stillwater	100	70	7,000	7,000	--	--	--	--
Treasure	1,400	85	119,000	119,000	2,200	130	286,000	243,100
Yellowstone	200	80	16,000	16,000	100	150	15,000	12,800
S. CENTRAL	3,700	82	303,000	303,000	7,900	151	1,191,000	1,012,400
Carter	1,900	70	133,000	133,000	3,400	100	340,000	289,000
Custer	3,800	70	266,000	266,000	3,600	130	468,000	397,800
Fallon	2,000	73	145,000	145,000	2,400	140	336,000	285,600
Powder River	7,000	80	560,000	560,000	10,900	110	1,195,000	1,015,700
Prairie	300	70	21,000	21,000	600	140	84,000	71,400
Rosebud	1,900	80	152,000	152,000	4,400	110	484,000	411,400
Wibaux	200	60	12,000	12,000	100	100	10,000	8,500
S. EAST	17,100	75	1,289,000	1,289,000	25,400	115	2,917,000	2,479,400
STATE	26,000	85	2,210,000	2,210,000	42,000	140	5,880,000	4,998,000

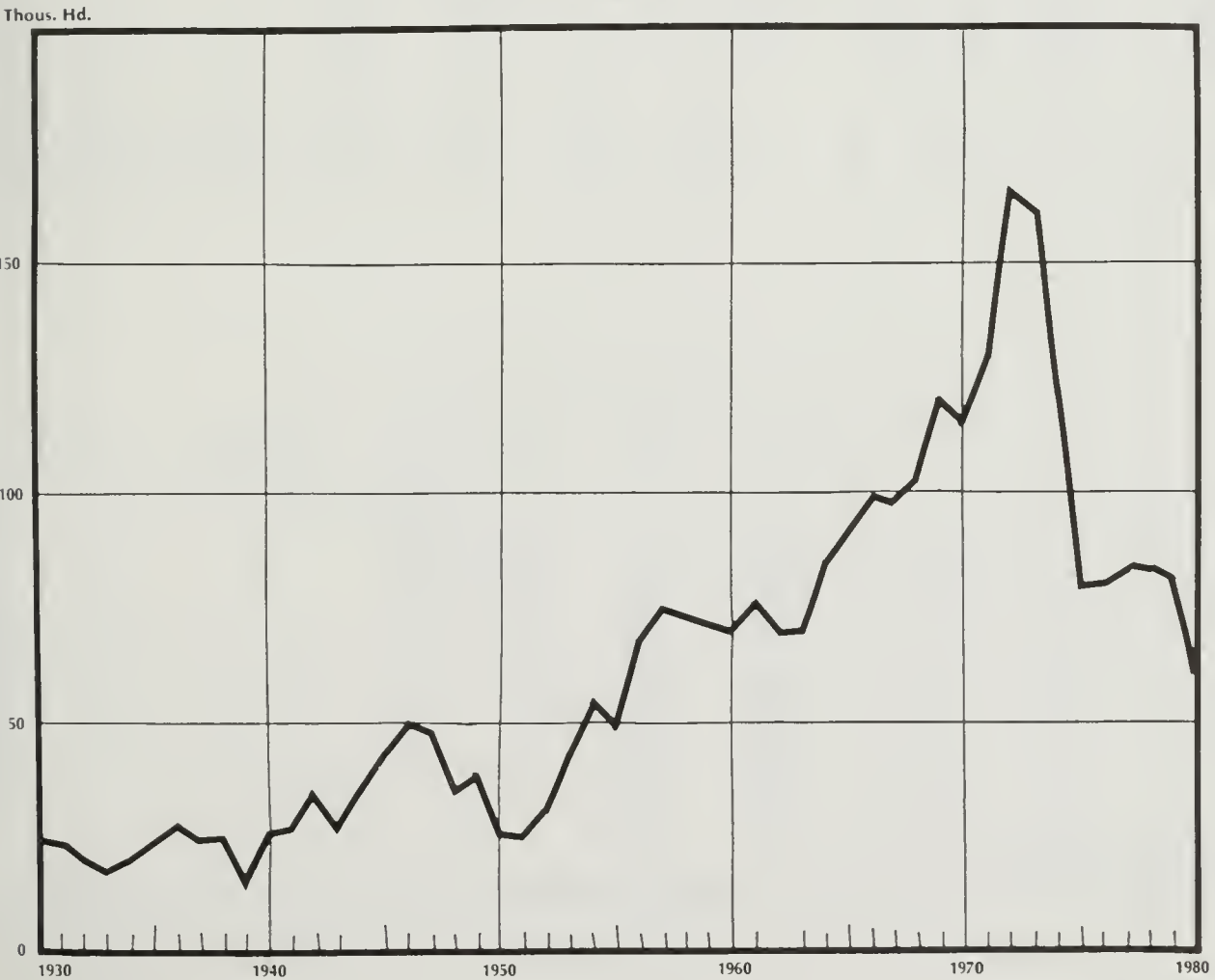
CATTLE AND CALVES

January 1 Inventory, 1930-1980



CATTLE AND CALVES

Number on Feed, January 1, 1930-1980



CATTLE AND CALVES

Number, Value Per Head and Total Value, January 1

Year	ALL CATTLE		
	Number	Farm Value	
		Per Head	Total
	1,000 Head	Dols.	1,000 Dols.
1970	3,014	195.00	587,730
1971	3,165	200.00	633,000
1972	3,165	230.00	727,950
1973	3,197	285.00	911,145
1974	3,380	340.00	1,149,200
1975	3,340	160.00	534,400
1976	3,150	205.00	645,750
1977	2,980	220.00	655,600
1978	2,680	240.00	643,200
1979	2,607	455.00	1,186,185
1980	2,645	510.00	1,348,950

Number by Classes, January 1

Year	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS. & OVER			OTHER		Strs., Hfrs., Bulls under 500#	TOTAL ALL CATTLE & CALVES
	Beef Cows	Milk Cows	Beef Cow Replace- ments	Milk Cow Replace- ments	Other	Steers 500# & over	Bulls 500# & over		
1972	1,648	35	304	11	82	144	84	857	3,165
1973	1,685	32	298	10	90	163	89	830	3,197
1974	1,746	29	355	10	108	216	106	811	3,380
1975	1,692	28	300	10	140	182	97	891	3,340
1976	1,614	26	274	10	101	165	95	865	3,150
1977	1,549	27	238	9	105	187	90	775	2,980
1978	1,409	27	217	8	94	145	86	694	2,680
1979	1,453	27	257	8	91	135	86	550	2,607
1980	1,427	28	275	11	111	127	87	579	2,645

Calf Crops and Disposition

Year	CALVES BORN	INSHIP- MENTS	MARKETINGS ¹		FARM	DEATHS	
			Cattle	Calves	SLAUGHTER ²	Cattle	Calves
					Cattle & Calves		
1,000 Head							
1970	1,535	106	874	477	13	39	87
1971	1,582	104	909	654	9	41	73
1972	1,640	126	880	721	10	39	84
1973	1,730	144	763	757	9	42	120
1974	1,725	90	1,007	688	25	35	100
1975	1,680	80	1,069	645	16	40	180
1976	1,570	135	1,091	648	16	35	85
1977	1,530	115	1,154	698	16	34	100
1978	1,443	205	933	625	13	44	106
1979	1,490	167	802	652	10	46	109

¹Excludes interfarm sales.

²Excludes animals custom slaughtered in commercial establishments for farmers.

Numbers by Classes — July 1

Year	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS. & OVER			OTHER		Steers, Hfrs., Bulls under 500#	TOTAL ALL CATTLE & CALVES
	Beef Cows	Milk Cows	Beef Cow Replace- ments	Milk Cow Replace- ments	Other	Steers 500# & over	Bulls 500# & over		
1973	1,719	30	336	11	102	244	86	1,542	4,070
1974	1,792	28	327	9	135	303	100	1,666	4,360
1975	1,694	28	294	12	163	360	101	1,548	4,200
1976	1,674	26	284	13	192	385	92	1,514	4,180
1977	1,579	27	261	12	164	316	94	1,447	3,900
1978	1,508	27	247	12	130	254	83	1,369	3,630
1979	1,553	27	307	11	100	259	85	1,408	3,750
1980	1,542	28	261	8	88	230	85	1,433	3,675

Production and Income from Cattle and Calves

Year	Price Per 100 Lbs.						
	Production ¹	Marketing ²	Cattle	Calves	Cash Receipts ³	Value	Gross Income
						Of Home Consumption	
	1,000 Pounds		Dollars			1,000 Dollars	
1970	1,089,075	1,045,986	27.00	35.50	299,169	5,673	304,842
1971	1,122,103	1,128,876	29.20	38.10	353,134	5,125	358,259
1972	1,103,350	1,125,763	34.80	48.00	431,156	6,556	437,712
1973	1,053,950	969,346	45.80	58.30	482,156	9,047	491,203
1974	1,035,930	1,133,651	30.80	30.40	348,072	12,358	360,430
1975	963,050	1,140,660	29.50	30.80	339,916	7,613	347,529
1976	967,940	1,153,200	31.20	36.30	373,307	6,861	380,168
1977	880,635	1,169,350	33.70	41.40	412,820	7,464	420,284
1978	941,570	1,051,010	51.50	70.30	582,260	10,105	592,365
1979	882,185	966,380	67.10	89.80	700,097	11,492	711,589

¹Adjustments made for inshipments and changes in inventory.²Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.³Includes receipts from marketings and from sales of farm slaughtered meat.

MILK COWS, MILK PRODUCTION AND MILKFAT

Year	Milk Cows on Farms ¹	Production Per Cow		Milkfat	TOTAL PRODUCTION ²	
		Milk	Milkfat		Milk	Milkfat
		1,000 Head	Pounds	Percent	Mil. Lbs.	
1970	39	8,359	303	3.62	326	12
1971	36	9,278	337	3.63	334	12
1972	33	10,121	370	3.66	334	12
1973	30	10,400	376	3.62	312	11
1974	28	10,500	381	3.63	294	11
1975	27	10,296	375	3.64	278	10
1976	26	10,577	380	3.59	275	10
1977	27	10,963	396	3.61	296	11
1978	27	11,333	407	3.59	306	11
1979	27	10,630	381	3.58	287	10

¹Average number on farms during year, excluding heifers not yet fresh.²Excludes milk sucked by calves.

MILK AND CREAM MARKETED

Quantity, Price and Cash Receipts

	Milk Sold to Plants and Dealers			Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Price Per	Cash	Quantity Milkfat	Price Per Lb. Fat	Cash	Quantity	Price Per	Cash
		100 Lbs.	Receipts		Cents	Receipts		Quart	Receipts
	Mil. Lbs.	Dols.	1,000 Dols.	1,000 Lbs.		1,000 Dols.	1,000 Qts.	Cents	1,000 Dols.
1970	254	5.65	14,351	1,314	.68	894	2,791	25.0	698
1971	267	5.71	15,246	1,214	.66	801	2,326	25.0	582
1972	278	5.93	16,485	967	.64	619	2,326	31.0	721
1973	257	6.95	17,862	959	.64	614	2,326	28.0	651
1974	252	8.55	21,546	554	.68	377	1,860	34.0	632
1975	239	8.90	21,271	481	.71	342	1,860	34.0	632
1976	242	9.45	22,869	365	.81	296	1,395	35.0	488
1977	266	9.95	26,467	330	.88	290	930	36.0	335
1978	274	10.70	29,318	329	.91	299	1,395	40.0	558
1979	259	11.90	30,821	176	1.00	176	1,395	44.0	614

Income and Value of Dairy Products Marketed

Year	Combined Marketings of Milk and Cream				Used for Milk, Cream and Butter on Farms Where Produced		Gross Farm Income from Dairy Products ³	Farm Value of Milk Pro- duced ⁴
	Milk Utilized	Average Returns ¹		Cash receipts from Market- ings	Milk Utilized	Value ²		
		Per 100 Pounds Milk	Per Pound Milkfat					
	Mil. Lbs.	Dollars		1,000 Dols.	Mil. Lbs.	1,000 Dols.	1,000 Dols.	
1970	296	5.39	1.49	15,943	22	1,186	17,129	17,571
1971	305	5.45	1.50	16,629	22	1,199	17,828	18,203
1972	309	5.77	1.58	17,825	19	1,096	18,921	19,772
1973	288	6.64	1.83	19,127	16	1,062	20,189	20,717
1974	271	8.32	2.29	22,555	15	1,248	23,803	24,461
1975	256	8.69	2.39	22,245	14	1,217	23,462	24,158
1976	255	9.28	2.58	23,653	13	1,206	24,859	25,520
1977	277	9.78	2.71	27,092	12	1,174	28,266	28,949
1978	286	10.35	2.94	30,175	12	1,266	31,441	32,283
1979	267	11.84	3.31	31,611	12	1,421	33,032	33,981

¹Cash receipts divided by milk or milkfat represented in combined marketings.
²Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
³Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.
⁴Includes value of milk fed to calves.

SHEEP, LAMBS, AND WOOL

Number, Value per Head and Classes, January 1

Year	ALL SHEEP & LAMBS ¹					STOCK SHEEP ONE YEAR AND OVER		LAMBS	
	Number	Farm Value		Sheep on Feed	Stock Sheep	Ewes	Wethers & Rams	Ewes	Wethers & Rams
		Per Head	Total						
		Dols.	1,000 Dols.						
	1,000 Head			1,000 Head		1,000 Head		1,000 Head	
1971	1,067	26.50	28,276	100	967	747	28	177	15
1972	1,000	24.00	24,000	100	900	697	23	166	14
1973	880	28.50	25,080	120	760	598	19	132	11
1974	750	34.00	25,500	84	666	524	17	107	18
1975	675	29.50	19,913	90	585	462	20	82	21
1976	595	40.50	24,098	75	520	416	15	72	17
1977	570	45.50	25,935	80	490	371	12	94	13
1978	530	57.00	30,210	60	470	356	13	88	13
1979	475	89.00	42,275	20	455	324	11	111	9
1980	494	91.50	45,201	14	480	343	11	117	9

Wool Production and Value

Year	Sheep Shorn	Per Fleece	Total	Price Per Lb.	Value
	1,000 Head	Lbs.	1,000 Lbs.	Cts.	1,000 Dols.
1971	902	9.6	8,657	21	1,818
1972	853	10.0	8,501	35	2,975
1973	706	9.9	6,983	106	7,402
1974	623	10.1	6,309	68	4,290
1975	551	9.6	5,280	51	2,693
1976	493	9.6	4,749	73	3,467
1977	460	9.7	4,442	75	3,332
1978	440	10.0	4,379	81	3,547
1979	441	9.8	4,307	94	4,049
1980 ²	456	9.8	4,458		

Lamb Crop and Disposition

Year	LAMBS SAVED	IN-	MARKETINGS ³		SLAUGHTER ⁴	DEATHS	
		SHIPMENTS	Sheep	Lambs	Sheep & Lambs	Sheep	Lambs
		Sheep & Lambs					
1000 Head							
1970.....	743	46	164	461	3	90	117
1971.....	740	48	174	471	5	90	115
1972.....	711	30	186	458	4	96	117
1973.....	604	28	140	406	4	85	127
1974.....	550	29	111	339	4	80	118
1975.....	471	30	98	264	4	75	140
1976.....	420	40	72	239	4	70	100
1977.....	375	18	59	211	3	65	96
1978.....	349	41	84	208	3	60	90
1979.....	340	33	72	129	3	60	90

Production and Income from Sheep and Lambs

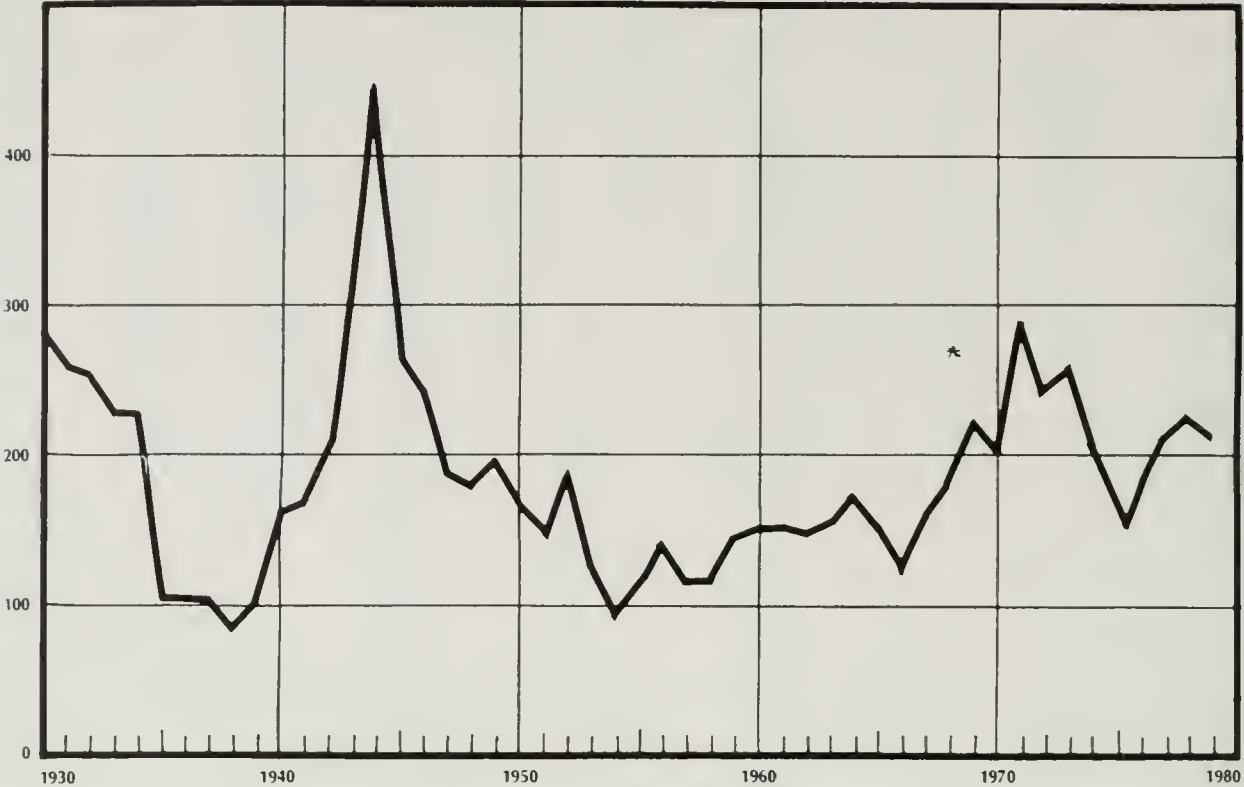
Year	Production ⁵	Marketings ⁶	Price per 100 Lbs.		Cash Receipts ⁷	Value of Home Consumption	Gross Income
			Sheep	Lambs			
			Dollars				
	1,000 Pounds					1,000 Dollars	
1970	53,958	61,975	6.80	26.10	12,219	78	12,297
1971	54,888	63,460	5.50	24.00	11,142	139	11,281
1972	45,031	66,266	6.10	27.90	13,217	118	13,335
1973	38,153	35,553	11.80	34.00	14,568	156	14,724
1974	35,019	45,895	11.80	34.40	12,301	158	12,459
1975	25,425	37,338	8.70	40.10	10,695	178	10,873
1976	24,428	31,447	9.90	43.80	10,381	208	10,589
1977	22,116	27,417	11.50	50.70	10,749	147	10,896
1978	21,756	31,432	18.20	67.10	15,340	231	15,571
1979	22,961	22,211	24.40	68.20	10,753	247	11,000

¹Starting with 1971 farm value is based upon all sheep and lambs.²Other data not available at time of publication.³Excludes interfarm sales. Includes animals custom slaughtered in commercial establishments for use on farms where produced.⁴Excludes animals custom slaughtered in commercial establishments for farmers.⁵Adjustments made for inshipments and changes in inventory.⁶Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.⁷Includes receipts from marketings and from sales of farm slaughtered meat.

HOGS AND PIGS

January 1* Inventory, 1930-1979

Thous. Hd.

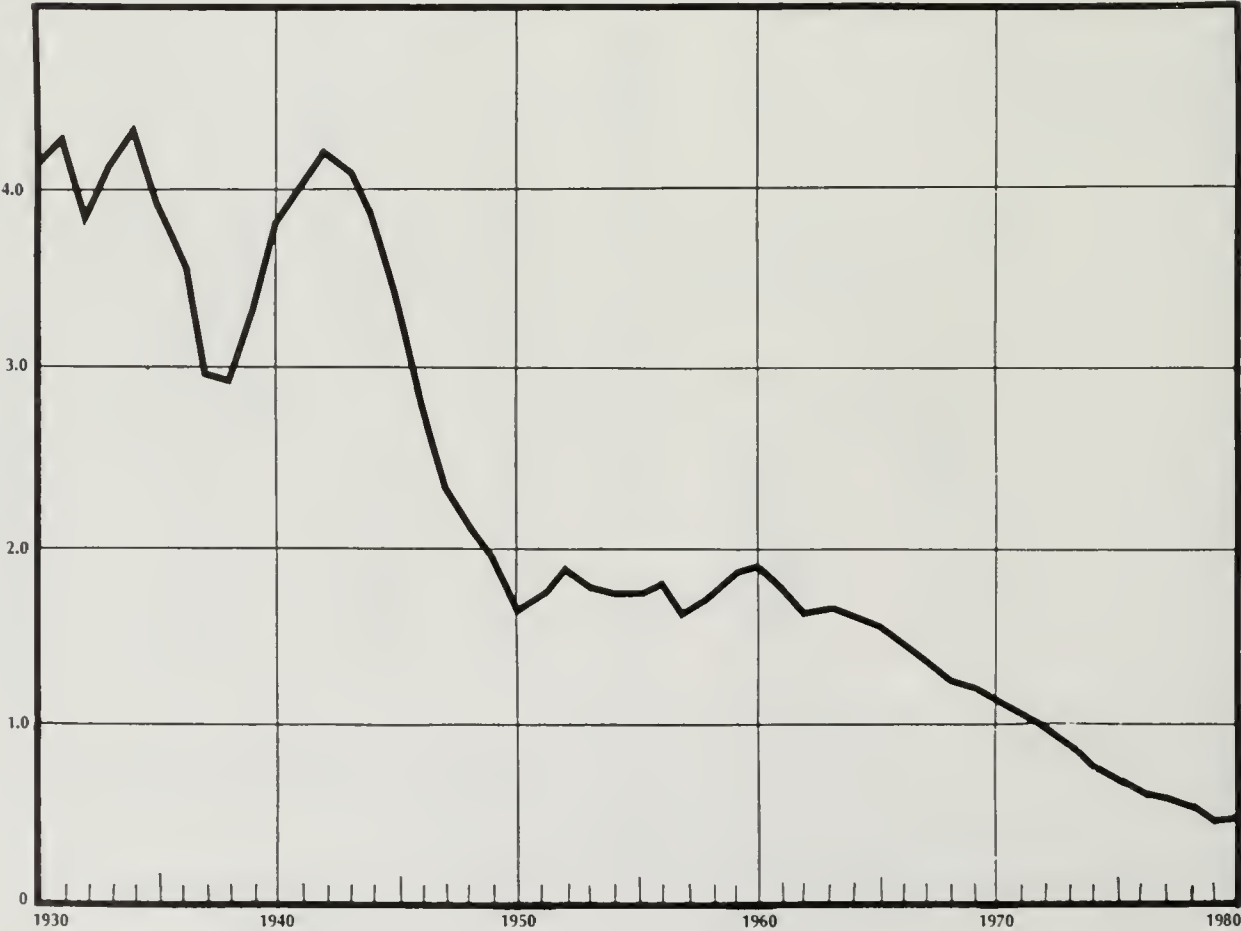


*Data for 1968 and subsequently relate to December 1.

SHEEP AND LAMBS

January 1 Inventory, 1930-1980

Mil Hd.



HOGS AND PIGS**Number, Value Per Head, Total Value, December 1**

Year	NUMBER, VALUE PER HEAD AND TOTAL VALUE			NUMBER BY CLASSES	
	Number 1,000 Head	Farm Value		Breeding 1,000 Head	Marketing
		Per Head Dols.	Total 1,000 Dols.		
1970	200	24.50	4,900	32	168
1971	285	25.00	7,125	34	251
1972	245	38.50	9,433	36	209
1973	262	53.50	14,017	32	230
1974	204	45.00	9,180	28	176
1975	165	70.50	11,633	27	138
1976	186	45.00	8,370	28	158
1977	211	57.00	12,027	30	181
1978	222	72.00	15,984	29	193
1979	209	53.50	11,182	28	181

Pig Crops and Disposition

Year	PIG CROPS		In-Shipments 1,000 Head	Marketings ¹	Farm Slaughter ²	Deaths
	Spring	Fall				
1970	152	146	25	306	12	22
1971	225	205	25	340	10	20
1972	168	180	15	373	10	20
1973	165	192	20	331	10	19
1974	143	158	64	391	13	19
1975	111	122	37	286	11	12
1976	126	117	71	270	8	15
1977	143	144	42	285	8	11
1978	173	158	50	336	12	22
1979	155	153	4	299	5	21

Production and Income from Hogs and Pigs

Year	Production ³ 1,000 Pounds	Marketings ⁴	Price Per 100 Pounds Dollars	Cash Receipts ⁵ 1,000 Dollars	Value of Home Consumption 1,000 Dollars	Gross Income
1970	71,573	70,078	22.40	15,697	1,075	16,772
1971	90,209	77,409	17.10	13,237	796	14,033
1972	86,884	85,335	23.40	19,968	1,376	21,344
1973	82,918	77,972	36.70	28,616	2,158	30,774
1974	84,665	87,539	32.80	28,713	2,089	30,802
1975	61,735	63,759	44.50	28,373	2,099	30,472
1976	63,354	60,160	42.80	25,748	1,678	27,426
1977	67,741	64,198	37.50	24,074	1,250	25,324
1978	78,602	76,672	44.80	34,349	1,581	35,930
1979	71,756	70,820	39.50	27,974	835	28,809

¹Includes animals custom slaughtered in commercial establishments for use on farms where produced.²Excludes animals custom slaughtered in commercial establishments for farmers.³Adjustments made for inshipments and changes in inventory.⁴Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.⁵Includes receipts from marketings and from sales of farm slaughtered meat.

CHICKENS

Number, Value per Bird, and Total Value, December 1

Year	Numbers 1,000	Farm Value	
		Per Bird Dollars	Total 1,000 Dols.
1971	1,154	1.40	1,616
1972	1,180	1.35	1,593
1973	1,190	1.80	2,142
1974	1,025	1.70	1,743
1975	1,020	1.70	1,734
1976	1,005	1.90	1,910
1977	1,015	1.95	1,979
1978	930	1.85	1,721
1979	890	2.25	2,003

Production and Income from Chickens

Year	Produced	Sold	Price Per Pound	Cash Receipts	Gross Income
	1,000 Pounds		Cents	1,000 Dollars	
1970	3,428	2,460	8.0	197	264
1971	3,892	3,160	5.0	158	197
1972	3,863	3,216	6.0	193	236
1973	4,072	3,200	10.5	336	412
1974	3,710	3,620	7.0	253	303
1975	4,036	3,320	5.5	183	222
1976	3,399	2,920	8.0	234	288
1977	2,761	2,060	8.0	165	218
1978	2,607	2,180	7.0	153	198
1979	1,444	1,180	7.0	83	126

Farm Production, Disposition and Income from Eggs

Year	Layers ² 1,000	Per Layer Number	Consumed		Sold	Per Dozen Cents	Cash Receipts 1,000 Dollars	Gross Income
			Egg Production	in Household Millions				
1970 ¹	964	217	209	13	196	45.8	7,481	7,977
1971	994	222	221	10	211	36.3	6,383	6,686
1972	942	230	217	10	207	36.8	6,348	6,655
1973	933	230	215	9	206	57.8	9,922	10,356
1974	884	230	203	8	195	58.5	9,506	9,896
1975	844	236	199	8	191	55.4	8,818	9,187
1976	794	233	185	8	177	59.0	8,703	9,096
1977	770	232	179	8	171	57.0	8,123	8,503
1978	797	242	193	8	185	54.3	8,371	8,733
1979	754	236	178	7	165	62.5	8,594	8,959

¹Beginning 1970, data relate to the 12 month period beginning with December 1 of the previous year through November of the current year.

²Average number of layers on hand during the year.

HONEY AND BEESWAX

Production, Price and Value

Year	Colonies of Bees Number	Honey Yield Per Colony Pounds	Production		Price Per Pound		Value of Production	
			Honey	Beeswax	Honey	Beeswax	Honey	Beeswax
			1,000 Pounds		Cents		1,000 Dollars	
1970	74,000	105	7,770	155	15.6	61.0	1,212	95
1971	74,000	55	4,070	81	21.4	61.0	871	49
1972	74,000	110	8,140	163	30.4	67.0	2,475	109
1973	78,000	101	7,878	158	41.4	73.0	3,261	115
1974	81,000	88	7,128	114	50.1	125.0	3,571	143
1975	80,000	94	7,520	135	47.3	112.0	3,557	151
1976	85,000	112	9,520	162	46.9	108.0	4,465	175
1977	96,000	57	5,472	104	53.9	172.0	2,949	179
1978	99,000	89	8,811	159	53.8	178.0	4,740	283
1979	103,000	128	13,184	224	57.7	164.0	7,607	367

COMMERCIAL LIVESTOCK SLAUGHTER

Number of Head by Classes, by years, 1970-1979

Year	Cattle and Calves	Hogs and Pigs	Sheep and Lambs
	1,000 Head	1,000 Head	1,000 Head
1970	208.6	346.6	2.1
1971	208.2	412.0	2.2
1972	210.2	354.7	2.4
1973	188.6	350.6	2.7
1974	185.5	572.0	2.3
1975	153.1	308.0	2.6
1976	155.8	457.2	2.4
1977	172.0	478.3	2.1
1978	158.5	343.0	2.0
1979	151.1	461.8	2.3

Total Red Meat Production¹
by Months, 1970-1979

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Millions of Pounds													
1970.....	16	13	14	12	14	15	15	14	16	16	15	14	175
1971.....	12	12	16	15	15	16	16	14	17	17	18	16	184
1972.....	15	15	17	13	14	16	14	16	14	16	16	13	180
1973.....	15	11	14	11	13	12	15	16	12	15	17	15	168
1974.....	18	14	15	15	17	17	19	17	15	16	15	14	193
1975.....	14	12	9	11	10	12	12	11	8	8	12	14	134
1976.....	13	9	11	11	10	12	13	13	15	16	16	16	155
1977.....	16	13	16	14	13	14	13	14	14	15	14	13	169
1978.....	13	12	11	10	12	12	12	14	13	13	13	11	146
1979.....	12	10	11	10	12	13	14	16	15	18	17	14	162

Number of Head Slaughtered by Months and Classes

Month	Cattle and Calves			Hogs and Pigs			Sheep and Lambs		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
1,000 Head									
January	15.7	15.3	14.2	47.2	31.1	25.9	.1	.1	.1
February	13.6	13.5	10.6	47.6	30.8	23.4	.1	.1	.1
March	13.5	12.3	11.1	49.5	29.1	30.0	.1	.1	.1
April	12.3	10.4	9.3	44.1	23.0	31.0	.1	.1	.1
May	14.7	11.2	11.0	33.7	30.0	34.0	.1	.1	.1
June	15.7	11.8	11.5	35.9	29.1	36.6	.1	.1	.2
July	14.1	11.3	12.7	29.9	32.8	39.7	.1	.2	.2
August	14.2	14.1	13.8	37.6	37.7	52.1	.5	.5	.5
September	13.2	13.1	11.7	38.1	30.6	46.4	.3	.4	.3
October	14.5	14.6	14.9	42.1	27.5	56.0	.2	.2	.3
November	15.6	16.0	15.6	37.4	24.6	51.6	.2	.2	.2
December	15.0	14.6	14.5	35.2	16.7	35.2	.1	.1	.1
Total	172.0	158.5	151.1 ²	478.3	343.0	461.8 ²	2.1	2.0	2.3 ²

¹Includes slaughter in Federally inspected and other slaughter plants but excludes animals slaughtered on farms.

²May not add because of rounding.

DAIRY PRODUCTS MANUFACTURED

Year	Cheese			Ice Cream	Ice Milk ¹	Sherbert	"Mellorine Type" Frozen Desserts
	Creamery Butter	American Cheddar	Cottage Cheese Creamed				
	1,000 Pounds						
					1,000 Gallons		
1970	2,782	3,173	4,465	1,875	889	123	490
1971	2,879	3,996	4,658	1,759	1,039	118	509
1972	3,185	3,885	5,091	2,027	1,058	106	591
1973	2,647	3,480	4,498	1,966	1,046	111	499
1974	2,249	3,489	3,246	2,262	1,064	126	491
1975	2,100	1,933	3,214	2,221	1,200	125	316
1976	1,919	1,844	3,505	1,684	1,156	103	161
1977	2,019	2,467	3,651	1,575	1,331	83	90
1978	1,947	2,675	3,895	1,731	1,496	86	80
1979	1,796	1,574	4,962	1,794	1,300	81	58

¹Includes low fat ice cream.

CATTLE AND CALVES ON FEED — 1971-80

Year and Month	Number, Weight Groups and Classes								
	Total Cattle & Calves on Feed	Number on Feed by Weight Groups					Number on Feed By Classes		
		Under 500 Lbs.	500- 699 Lbs.	700- 899 Lbs.	900- 1099 Lbs.	1100 Lbs. & Over	Steers & Steer Calves	Heifers & Heifer Calves	Cows & Other
Thousand Head									
January 1									
1971.....	130	25	31	39	27	8	81	41	8
1972.....	165	29	36	33	57	10	115	46	4
1973.....	160	21	68	38	27	6	109	49	2
1974.....	122	10	28	34	42	8	82	34	6
1975.....	79	10	17	25	22	5	39	36	4
1976.....	80	5	22	23	28	2	40	39	1
1977.....	83	--	25	26	26	6	51	31	1
1978.....	81	6	34	20	17	4	40	38	3
1979.....	80	2	34	27	16	1	38	41	1
1980.....	57	4	21	20	7	5	25	27	5
April 1									
1971.....	120	3	50	36	27	4	75	44	1
1972.....	150	5	58	44	17	26	111	38	1
1973.....	140	7	49	52	26	6	94	45	1
1974.....	114	--	30	42	25	17	79	33	2
1975.....	62	--	18	27	13	4	32	29	1
1976.....	63	--	22	29	10	2	30	32	1
1977.....	75	--	23	31	18	3	35	38	2
1978.....	60	1	26	23	8	2	24	35	1
1979.....	58	--	21	21	14	2	28	29	1
1980.....	49	--	18	17	13	1	23	25	1
July 1									
1971.....	100	--	12	46	38	4	57	42	1
1972.....	130	--	18	57	42	13	79	48	3
1973.....	122	2	14	46	44	16	80	40	2
1974.....	102	--	11	39	46	6	62	39	1
1975.....	60	--	6	28	23	3	26	33	1
1976.....	52	--	10	22	19	1	22	29	1
1977.....	62	--	5	28	26	3	28	33	1
1978.....	52	--	5	29	17	1	22	29	1
1979.....	48	--	2	22	22	2	23	24	1
1980.....	49	2	2	23	20	2	29	19	1
October 1									
1971.....	95	3	15	37	35	5	55	39	1
1972.....	105	7	20	30	34	14	77	27	1
1973.....	83	6	16	20	28	13	61	21	1
1974.....	65	2	2	18	29	14	43	21	2
1975.....	44	--	6	17	19	2	20	23	1
1976.....	42	--	7	14	18	2	22	19	1
1977.....	40	1	9	18	10	2	16	23	1
1978.....	30	--	2	9	17	2	11	18	1
1979.....	32	--	1	7	22	2	14	17	1

Number Marketed and Placements by Quarters										
Year	Marketed for Slaughter ¹					Placed on Feed				
	Jan. 1- March 31	April- June 30	July 1- Sept. 30	Oct. 1- Dec. 31	Total	Jan. 1- March 31	April 1- June 30	July 1- Sept. 30	Oct. 1- Dec. 31	Total
	Thousand Head									
1971.....	65	58	62	50	235	55	38	57	120	270
1972.....	55	60	72	60	247	40	40	47	115	242
1973.....	54	55	69	37	215	34	37	30	76	177
1974.....	34	54	50	49	187	35	50	19	66	170
1975.....	40	33	35	24	132	28	35	20	61	144
1976.....	24	26	33	21	104	31	18	23	63	135
1977.....	35	38	45	16	134	28	27	25	59	139
1978.....	43	20	36	19	118	36	15	16	72	139
1979.....	21	15	36	22	94	14	15	11	52	92
1980.....	20	20				17	21			

¹Includes cattle placed on feed and marketed during the same quarter.

FEEDLOTS AND CATTLE ON FEED BY COUNTIES

January 1, 1979 and 1980

COUNTY ¹ & DISTRICT	1979		1980	
	Feedlots	Cattle on Feed	Feedlots	Cattle on Feed
	Number		Number	
Flathead.....	4	600	3	600
Lake & Sanders	4	400	--	--
Missoula & Ravalli	3	700	5	900
N. WEST	11	1,700	8	1,500
Toole, Chouteau & Hill	5	700	3	400
Blaine & Phillips	7	600	--	--
Teton, Glacier & Liberty	3	5,200	4	5,900
N. CENTRAL	15	6,500	7	6,300
Richland	21	11,000	--	--
Dawson, Roosevelt & Valley	5	300	7	4,600
N. EAST	26	11,300	7	4,600
Cascade	5	10,400	4	8,500
Judith Basin & Fergus	6	1,300	6	1,600
Wheatland & Petroleum	3	800	--	--
Golden Valley, Lewis & Clark and Musselshell	4	800	5	1,000
CENTRAL	18	13,300	15	11,100
Beaverhead & Gallatin	5	5,100	4	1,700
Big Horn & Treasure	5	700	3	400
Carbon	5	4,800	4	5,200
Stillwater	3	7,700	4	1,800
Yellowstone	22	27,900	15	26,600
S. WEST & S. CENTRAL	40	46,200	30	35,700
Custer, Powder River, Prairie & Rosebud	9	1,000	6	3,800
S. EAST	9	1,000	6	3,800
STATE	119	80,000	73	63,000

¹Some counties combined to avoid disclosing individual operators.

NUMBER OF CATTLE FEEDLOTS

By Size of Feedlot Capacity, 1970-1979¹

Year	Total Number of Feedlots	Feedlots by Capacity				
		Under 1,000 Head	1,000- 1,999	2,000- 3,999	4,000- 7,999	8,000 & over
		Number				
1970	501	424	39	21	13	4
1971	473	387	46	22	16	2
1972	389	317	36	17	14	5
1973	305	236	31	20	11	7
1974	276	211	26	21	12	6
1975	152	102	13	19	13	5
1976	119	70	15	16	13	5
1977	101	61	8	13	15	4
1978	119	75	13	13	16	2
1979	73	29	12	14	16	2

¹Number of feedlots with 1,000 head or more capacity is number of lots operating anytime during year. Number of under 1,000 head capacity and total number of feedlots is number at end of year.

LIVESTOCK

Inventory by Counties — January 1, 1978-79

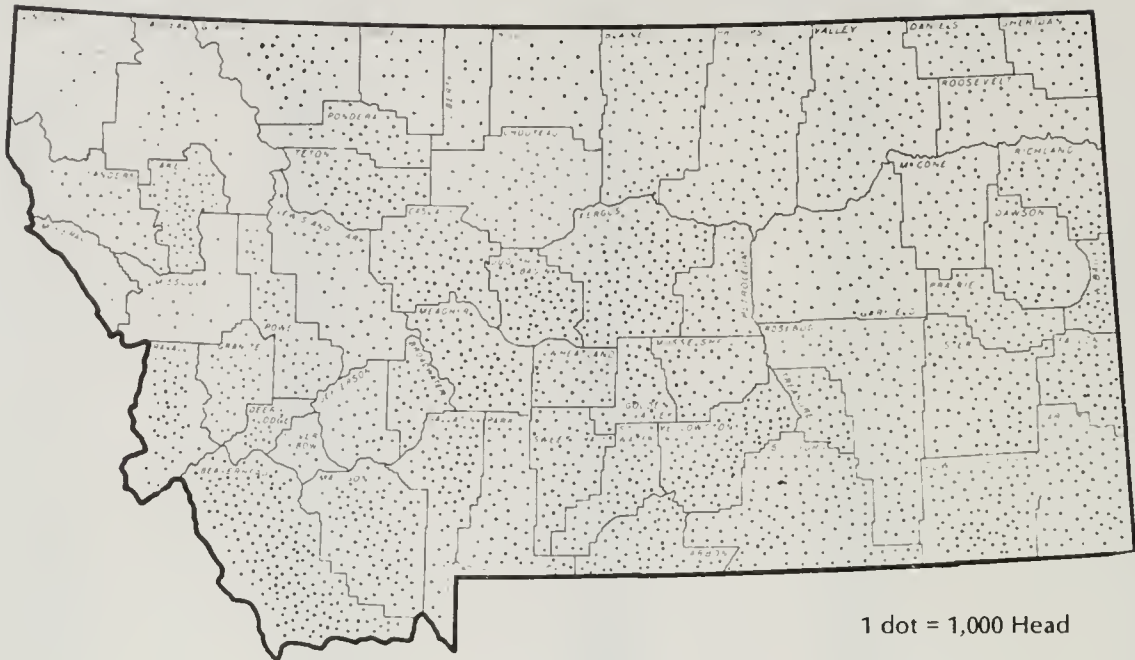
COUNTY & DISTRICT	All Cattle and Calves		Milk Cows and Heifers that have calved	
	1978	1979	1978	1979
	Number of Head		Number of Head	
Deer Lodge	13,400	13,100	--	--
Flathead	20,600	18,600	1,700	1,800
Granite	31,700	31,200	100	--
Lake	56,300	55,300	3,100	3,600
Lincoln	7,000	7,200	100	--
Mineral	1,400	1,600	--	--
Missoula	12,600	11,900	500	200
Powell	44,900	44,200	100	100
Ravalli	43,700	44,500	3,400	3,200
Sanders	23,400	23,400	200	100
N. WEST	255,000	251,000	9,200	9,000
Blaine	79,000	78,000	400	400
Chouteau	55,600	54,800	200	100
Glacier	35,800	33,500	--	--
Hill	25,100	24,300	400	500
Liberty	12,700	12,400	--	100
Phillips	83,000	80,800	100	100
Pondera	28,800	25,900	500	800
Teton	48,200	48,000	1,100	1,000
Toole	17,800	17,300	200	100
N. CENTRAL	386,000	375,000	2,900	3,100
Daniels	21,400	20,900	--	--
Dawson	41,900	39,100	300	200
Garfield	64,900	62,200	100	100
McCone	42,900	37,000	200	100
Richland	53,600	43,500	300	300
Roosevelt	31,500	28,700	100	100
Sheridan	24,100	23,300	100	100
Valley	73,700	71,300	100	100
N. EAST	354,000	326,000	1,200	1,000
Broadwater	24,800	24,700	100	100
Cascade	72,000	65,200	1,000	900
Fergus	117,500	114,800	600	700
Golden Valley	26,300	26,100	--	200
Judith Basin	59,500	56,800	200	200
Lewis & Clark	43,400	39,400	700	400
Meagher	52,500	58,000	100	--
Musselshell	38,500	33,700	100	100
Petroleum	30,800	33,500	100	--
Wheatland	35,700	34,800	200	200
CENTRAL	501,000	487,000	3,100	2,800
Beaverhead	167,800	170,800	100	100
Gallatin	62,000	57,800	4,500	5,000
Jefferson	23,900	23,500	300	400
Madison	90,100	89,700	200	200
Silver Bow	7,200	5,200	--	300
S. WEST	351,000	347,000	5,100	6,000
Big Horn	102,000	115,600	100	100
Carbon	62,500	55,500	500	600
Park	45,600	47,100	400	500
Stillwater	46,700	45,000	500	300
Sweet Grass	41,100	47,700	300	200
Treasure	23,600	24,100	100	--
Yellowstone	110,500	88,000	2,300	2,300
S. CENTRAL	432,000	423,000	4,200	4,000
Carter	62,000	61,000	100	100
Custer	80,400	73,900	400	300
Fallon	39,000	39,600	100	100
Powder River	78,400	77,600	100	100
Prairie	40,200	36,800	200	100
Rosebud	76,000	86,100	200	200
Wibaux	25,000	23,000	200	200
S. EAST	401,000	398,000	1,300	1,100
STATE	2,680,000	2,607,000	27,000	27,000

LIVESTOCK

Inventory by Counties, January 1, 1978-79

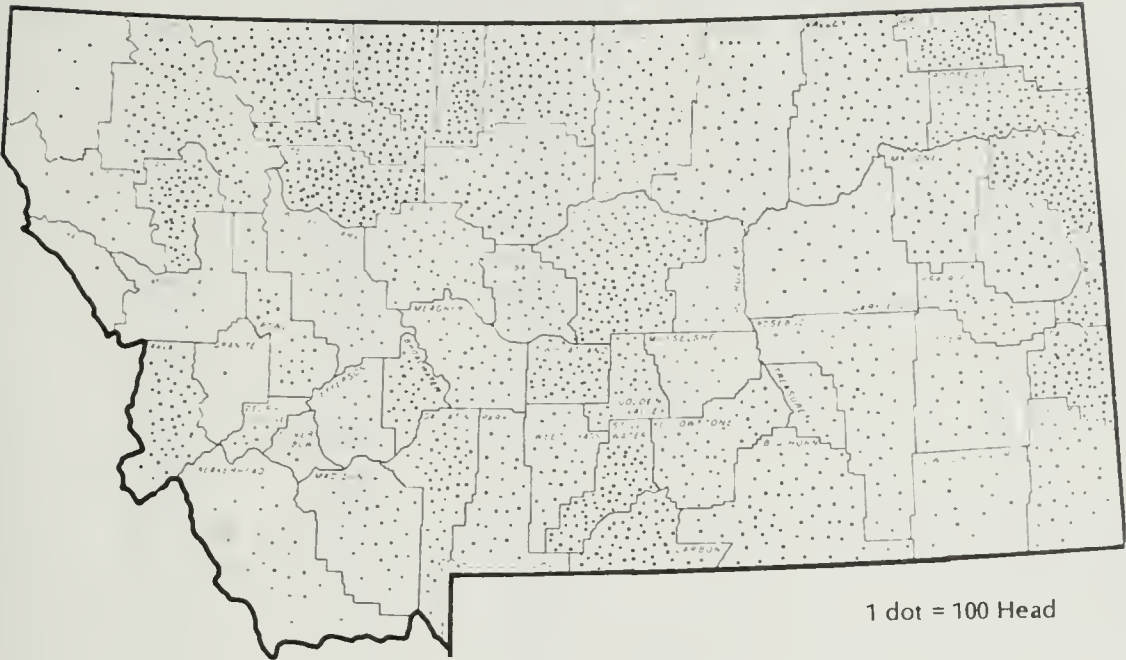
COUNTY & DISTRICT	Beef Cows and Heifers that have Calved		Stock Sheep and Lambs	
	1978	1979	1978	1979
	Number of Head		Number of Head	
Deer Lodge	6,600	7,300	300	200
Flathead	9,400	9,800	1,300	1,000
Granite	15,900	16,300	1,100	1,100
Lake	29,000	30,900	2,600	3,200
Lincoln	4,100	4,000	300	200
Mineral	700	900	200	200
Missoula	6,400	6,100	500	300
Powell	24,300	26,000	3,000	2,200
Ravalli	21,900	22,100	7,000	7,800
Sanders	12,500	13,100	1,100	800
N. WEST	130,800	136,500	17,400	17,000
Blaine	43,100	46,800	5,500	5,800
Chouteau	29,900	30,800	1,100	1,200
Glacier	20,000	19,500	2,200	1,200
Hill	14,400	15,400	1,000	1,000
Liberty	7,000	7,300	200	200
Phillips	44,400	44,200	9,400	9,900
Pondera	14,800	15,700	4,600	4,000
Teton	25,900	26,800	9,700	9,000
Toole	9,900	10,900	3,300	2,700
N. CENTRAL	209,400	217,400	37,000	35,000
Daniels	12,100	12,600	3,500	2,900
Dawson	23,300	24,600	5,100	4,700
Garfield	36,600	36,300	58,000	49,800
McCone	24,400	24,400	15,900	17,000
Richland	27,900	27,600	7,100	7,100
Roosevelt	17,600	18,000	2,300	2,500
Sheridan	13,900	14,700	1,600	2,300
Valley	41,200	41,100	6,500	4,700
N. EAST	197,000	199,300	100,000	91,000
Broadwater	13,900	14,800	4,500	4,200
Cascade	39,900	39,500	9,000	7,300
Fergus	64,900	69,200	9,300	10,400
Golden Valley	14,200	14,000	6,100	6,100
Judith Basin	32,100	34,200	5,800	5,500
Lewis & Clark	23,400	22,700	11,500	11,400
Meagher	24,100	27,200	10,000	8,600
Musselshell	21,200	19,100	10,200	10,400
Petroleum	15,800	16,400	5,600	5,600
Wheatland	17,900	19,400	16,400	16,500
CENTRAL	267,400	276,500	88,400	86,000
Beaverhead	78,100	84,300	26,000	24,400
Gallatin	29,500	28,300	6,500	7,100
Jefferson	13,300	13,800	900	900
Madison	53,200	54,000	13,500	13,500
Silver Bow	3,300	3,000	100	100
S. WEST	177,400	183,400	47,000	46,000
Big Horn	53,900	55,700	1,700	2,600
Carbon	31,900	31,900	17,300	17,200
Park	24,700	27,200	3,500	3,600
Stillwater	25,700	26,800	11,000	10,500
Sweet Grass	23,900	26,300	19,000	18,800
Treasure	12,600	13,000	300	300
Yellowstone	39,100	38,100	4,200	5,500
S. CENTRAL	211,800	219,000	57,000	58,500
Carter	34,300	36,100	82,800	79,400
Custer	40,000	40,200	6,000	6,400
Fallon	21,400	23,000	3,200	4,200
Powder River	41,700	43,200	16,300	15,500
Prairie	21,900	21,800	2,800	3,100
Rosebud	41,600	42,600	10,200	10,500
Wibaux	14,300	14,000	1,900	2,400
S. EAST	215,200	220,900	123,200	121,500
STATE	1,409,000	1,453,000	470,000	455,000

Number of Head, January 1, 1979



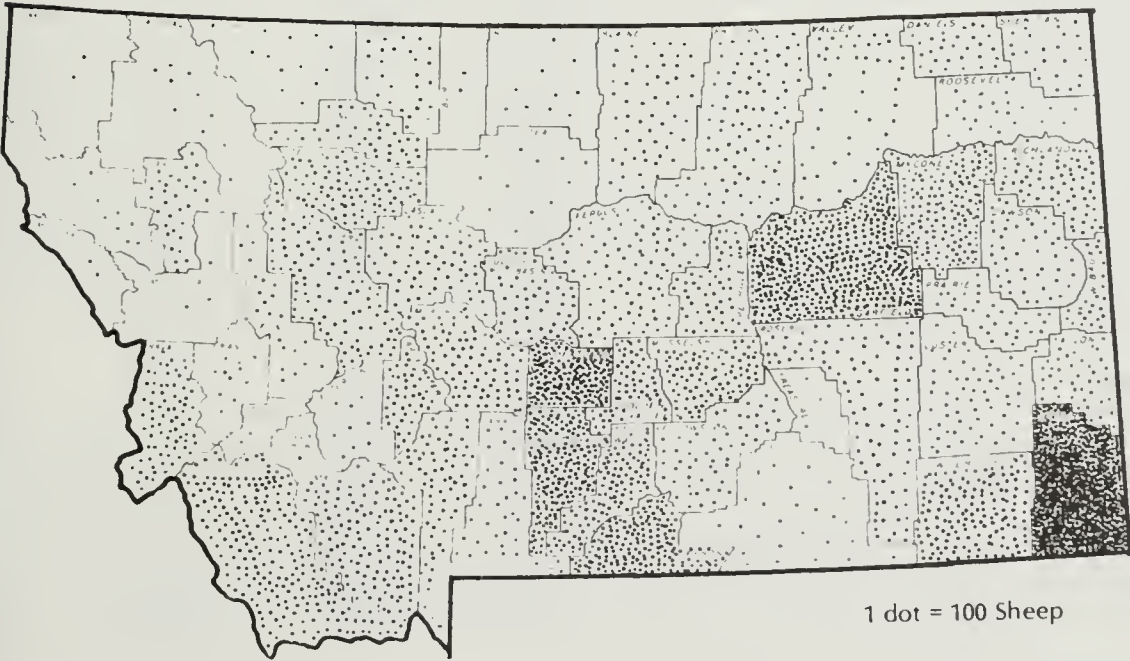
HOGS AND PIGS

Number of Head, December 1, 1978



STOCK SHEEP AND LAMBS

Number of Head, January 1, 1979



LIVESTOCK

Inventory by Counties, December 1, 1977-78

COUNTY & DISTRICT	Hogs and Pigs		Chickens	
	1977	1978	1977	1978
	Number of Head		Number of Head	
Deer Lodge	1,000	600	400	300
Flathead	10,600	8,900	5,100	4,400
Granite	200	100	200	200
Lake	5,300	5,400	27,600	26,200
Lincoln	500	600	1,200	1,100
Mineral	300	100	300	300
Missoula	400	500	1,500	1,300
Powell	1,600	2,500	600	400
Ravalli	3,700	4,400	150,300	142,300
Sanders	400	900	1,800	1,700
N. WEST	24,000	24,000	189,000	178,000
Blaine	7,800	7,100	3,100	2,700
Chouteau	7,000	6,600	2,900	2,900
Glacier	6,900	8,300	35,200	32,100
Hill	5,200	7,300	18,300	17,000
Liberty	3,900	6,400	17,000	17,000
Phillips	5,200	5,200	3,200	2,800
Pondera	7,000	5,700	22,800	20,000
Teton	8,900	9,500	54,500	53,500
Toole	6,100	6,900	30,000	27,000
N. CENTRAL	58,000	63,000	187,000	175,000
Daniels	6,600	5,800	1,200	900
Dawson	2,700	2,400	2,400	2,100
Garfield	2,100	2,600	1,500	1,300
McCone	3,200	3,200	2,200	1,900
Richland	7,500	8,500	5,100	4,500
Roosevelt	6,900	7,100	3,500	3,100
Sheridan	3,000	3,200	3,300	3,000
Valley	8,000	7,200	5,800	5,200
N. EAST	40,000	40,000	25,000	22,000
Broadwater	2,000	2,400	140,500	130,000
Cascade	3,200	3,500	23,000	20,400
Fergus	12,600	12,900	5,600	4,800
Golden Valley	1,500	2,300	12,800	12,000
Judith Basin	2,400	2,400	5,700	4,900
Lewis & Clark	2,200	2,600	14,500	7,000
Meagher	2,500	2,900	16,000	14,700
Musselshell	1,400	1,300	1,100	900
Petroleum	600	700	400	300
Wheatland	3,600	4,000	19,400	18,000
CENTRAL	32,000	35,000	239,000	213,000
Beaverhead	1,600	2,300	1,100	1,000
Gallatin	5,700	5,200	148,000	135,300
Jefferson	1,100	1,400	1,800	1,800
Madison	3,500	2,900	1,800	1,700
Silver Bow	100	200	300	200
S. WEST	12,000	12,000	153,000	140,000
Big Horn	4,200	6,100	2,500	1,800
Carbon	3,300	4,800	5,000	2,900
Park	3,100	2,600	2,100	2,000
Stillwater	6,700	6,400	14,500	13,600
Sweet Grass	1,800	2,200	2,500	1,300
Treasure	1,200	900	400	400
Yellowstone	3,700	4,000	147,000	139,000
S. CENTRAL	24,000	27,000	174,000	161,000
Carter	3,100	3,200	2,200	1,600
Custer	3,000	2,500	35,800	29,300
Fallon	6,200	5,600	2,900	2,300
Powder River	1,400	1,300	2,800	3,500
Prairie	2,700	2,200	1,300	1,300
Rosebud	2,600	4,300	1,400	1,500
Wibaux	2,000	1,900	1,600	1,500
S. EAST	21,000	21,000	48,000	41,000
STATE	211,000	222,000	1,015,000	930,000

STATISTICAL METHODS

GENERAL

The Montana Crop and Livestock Reporting Service has two primary objectives:

1. To develop accurate, reliable agricultural statistics
2. To move those statistics to users as rapidly as possible

Data collection to achieve these objectives, in most cases, involves sample surveys of farmers and ranchers, grain companies, feed mills, seed dealers, retail stores, and many other agricultural enterprises.

From data reported by these many sources, statisticians, using all available statistical tools, generate State totals forming official USDA estimates. Cooperation of USDA and the Montana Department of Agriculture provides resources for breaking State totals into crop reporting districts and counties.

Montana agricultural statistics are available in two dimensions—State estimates and county or crop reporting district estimates.

STATE ESTIMATES

The U.S. Department of Agriculture is required by law to provide National crop and livestock statistics and statistics for each major producing State.

For many years and to a considerable extent today, mailed non-probability surveys served as the backbone of data gathering. However, probability sampling, a more sophisticated sampling procedure, is being incorporated as funds and applied technology allow. Some types of probability sampling used in Montana are Area Frame Sampling, List Frame Sampling, and Multiple Frame Sampling. Sampling farm operators in a specifically outlined geographic area is known as Area Frame Sampling, while sampling a list of all known producers of a specific commodity is known as List Frame Sampling. A technique called Multiple Frame Sampling takes advantage of the attributes of both the Area and List samples. Area Frame Sampling is used in Montana for a number of acreage and livestock items and Multiple Frame Sampling is used for estimating the cattle inventory and calf crop.

The concept of probability sampling is maintained in all three types of sampling. Data collection therefore involves personal enumeration and telephone or personal followup for all non-respondents to mail questionnaires. These probability surveys are expensive on a per sampling unit basis but yield State results that have greater precision and allow measurement of the sampling error.

The Number 1 grain crop in Montana, wheat, is measured by objective yield procedures. Forecasts before harvest incorporate plant counts, kernel and head counts, and weight. Sample fields are entered with permission of growers, by enumerators in May, June, July, August, and September to take counts and measurements. After harvest, gleaning provides estimated harvesting loss.

COUNTY ESTIMATES

Federal funding and regulations support State estimates for specific agricultural items that are important in National totals. When additional items or geographic descriptions within States are needed, local funding is required. To provide estimates by county for example, requires a much larger sample because each county must have enough reports to provide a statistically sound basis for estimates. Without going into details of statistical requirements and concepts, it is sufficient to point out that if reporting units display the same variation within county as they do within the entire State, then a sample will be required in each county nearly as large as the State sample.

Large mailings are needed to place enough questionnaires in the hands of producers in each county. If response is low in some counties, telephone followup is needed to secure additional reports. Also, information for minor crop acres is secured from informed people in each county—such as county agents, ASCS personnel, etc. County assessments and their change from year to year are a reliable indicator for livestock estimates by counties.

The Montana Department of Agriculture and Wheat Research and Marketing Committee provide funds for local agricultural data.

CHECK DATA

In addition to producer surveys, check data are collected from the marketing channels to verify or supplement the grower survey data. These data become available—usually long after harvest and are used to establish final production and marketing figures.

The final estimate is arrived at when all grower survey data and marketing data (check data such as: handler or processor receipts, slaughter, and market shipments) have been analyzed. These data then become the statistical history against which current forecasts and estimates are viewed.

STATISTICAL SERIES

Report	Frequency	Approximate Date of Publication*
General Reports:		
Farm Report (Crop Forecasts)	Monthly	12th of month
Weather, Crops, & Livestock	Weekly	Mondays, April-October
	Monthly	7th of month, Nov.-Mar.
Reports on Crops:		
Winter Wheat Seedings	Annual	December 22
Prospective Plantings	Annual	Jan. 23 and Apr. 16
June Acreage	Annual	July 2
Summary of Small Grains	Annual	December 12
Annual Crop Summary and Value of Production	Annual	January 17
Cherry Forecast	Monthly	12th of month, June & July
Potato Stocks	Monthly	14th of month, Dec.-April
Range and Pasture Condition	Monthly	12th of month, Apr.-Dec.
Stocks of Grains	Quarterly	25th of month, Jan., Apr., June, and Oct.
Wheat Movement Summary	Semi-Annually	January and July
Alfalfa Seed	Annual	October 22
Wheat Varieties	Annual	August
Barley Varieties	Annual	July 15
Reports on Livestock, Dairy, Poultry and Livestock Products:		
Poultry (Egg Production, Chick and Poult Hatchings)	Quarterly	21st Mar., June, Sept., Dec.
Livestock Slaughter	Monthly	22nd of following month
Cattle Inventory and Calf Crop	Semi-Annually	February 1 and July 27
Sheep on Feed, January 1	Annual	January 17
Jan. 1 Sheep Inventory and Lamb Crop	Annual	February 1
Lamb Crop	Annual	July 22
Wool Crop	Semi-Annually	July 24 and April 1
Dec. 1 Hog Inventory & Pig Crop	Annual	December 23
Cattle and Calves on Feed	Quarterly	22nd of Jan., Apr., July and Oct.
Honey and Bees	Annually	January 14
Mink	Annual	May 11
Meat Animals, Marketings and Cash Receipts	Annual	April 15
Milk Cows and Milk Production	Quarterly	12th Jan., Apr., July, and Oct.
Price Reports:		
Agricultural Prices	Monthly	30th of month
Farm Income	Semi-Annually	March and September
Miscellaneous Reports:		
Farms and Farm Land	Annual	January 3
Farm Labor	Quarterly	26th of Feb., May, Aug., and Nov.
County Estimates:		
Wheat Estimates by County	Annual	Late winter-early spring
Barley Estimates by County	Annual	Late winter-early spring
Corn Estimates by County	Annual	Late winter-early spring
Cattle on Farms by County	Biennial	
Cattle on Feed by County	Annual	January

*Statistics in the National program are released in Washington, D.C. and locally according to strict predetermined dates. Various series are included in the "Montana Crop and Livestock Reporter" published twice a month.

The above reports may be obtained from the Montana Crop and Livestock Reporting Service, P.O. Box 4369, Helena, Montana 59601 (Office — Room 398, 301 So. Park Avenue — Phone 449-5303).

WHY HAVE CROP AND LIVESTOCK REPORTS

A man's judgment is no better than his facts and crop and livestock reports are the basic facts of Agriculture.

They aid farmers in planning their production and marketing which helps to provide an orderly market.

They give producers the same foresight to future price trends that organized dealers possess.

They are the best basis for adjusting supply to demand which is highly essential if maximum price is to prevail.

They eliminate the ill effects of misleading reports that might be circulated for private gain, if there were no official reports.

They reduce the amount of speculation in farm products. Speculation thrives on uncertainty. Unbiased official crop reports reduce uncertainty which limits speculation.

They are a check on fluctuation in price. Uncertainty of supply promotes undue fluctuation in price.

They are the basis for analysis of agriculture and other business conditions.

They give information on surplus and deficit areas of production making possible a more economical distribution of products.

They enable transportation companies to make a better distribution of cars, trucks, barges, etc. for moving farm products.

They aid farm organizations, schools and others in planning constructive programs.

They are a guide to farm resources and for developing new resources such as irrigation, electric power, location of food processing and other factories.

They indicate potential buying power thereby enabling the manufacturer to meet the probable demand. With economical production and distribution, the manufacturer can sell at a lower price than he could with uncertain demand.

They reduce the risk of ownership of buyers of farm products which enables them to do business on a smaller margin. Under the stimulus of competition, they pay producers higher prices than could be paid if uncertainty of production existed.

They are indispensable in times of war because food is as essential as ammunition and weapons of war.

They are essential in enacting wise legislation affecting Agriculture.

They provide an accurate, unbiased picture of Montana agriculture. The facts on present and prospective supplies furnish a sound basis for judgment and action by farmers, other individuals, business men, railroads, crop and livestock interests and governmental agencies.



4,500 copies of this public document were published at an estimated cost of \$1.62 per copy for a total cost of \$7,300, which includes \$6,300 for printing and \$1,000 for distribution.